DEC 1

Lancaster Farming

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Faith And Farming III

LAURELVILLE — Farmers' eyes turned to the future at the third Faith and Farming Conference at Laurelville Mennonite Church Center here this week. "During one of the darkest periods of North American agriculture--like the Hebrew exile in Babylon--we again looked to God and to the future," said Levi Miller of the Laurelville Center.

Howard Brenneman, Hesston Corporation, Hesston, Kansas, gave a major address about the future of North America and Mennonite farming.

Lancaster Farming will have a full report on this address next week. In the photo participants at the farm conference included (from left) Elaine and Leon Good and son Daren, Lititz; John and Ada Graybill, New Providence and Mim and Glen Thomas, Lititz.

Worldwide View Given At National Ag Conference

BY EVERETT NEWSWANGER
Managing Editor

WASHINGTON D.C. — When you think agriculture, you need to consider more than conditions at the local level. At least that's the message that evolved from the 63rd Annual Agricultural Outlook Conference here in the USDA building this week. Speaker after speaker gave reasons for farm problems and made predictions of things to come. Politics, supply, demand, world markets and economics. Not just in the U.S., but also in Australia, Brazil, Europe, Russia and Japan.

"World agricultural markets are in their worst state since the Great Depression," said Geoff Miller, Department of Primary Industry, Australia.

Wheat stocks have risen by 69 per cent and prices have plunged by 45 per cent. Grain stocks in the U.S. have risen and are now alone equivalent to around two years' total world trade. Sugar prices have fallen dramatically and are still 86 per cent below 1980 levels; stocks have risen 45 per cent. World butter stocks have soared to a massive 1.7 Mt. and prices have fallen by 50 per cent. Stocks of beef in the E.C. have risen to over 700 kt.—about 30 per cent of world trade.

The costs of farm programs have escalated dramatically.

U.S. taxpayers paid U.S. $3-5 billion in the early 1980s. This year they will pay around U.S. $30 billion, almost 15 per cent of the national budget deficit. This is a contribution of nearly U.S. $700 by each nonfarm family in the country.

Taxpayers, as consumers, are paying an additional estimated U.S. $6 billion a year because prices for products such as sugar and dairy products are administered at levels above international prices.

The Common Agricultural Policy is also faced with a runaway budget. Despite the increase in the proportion of value added tax spent on agriculture from 1.0 per cent to 1.4 per cent this year, costs are running well above income

At U.S. $23 billion in 1986-87, direct subsidy costs of the CAP have doubled in five years. This

(Turn to Page A24)

Wengers Buy Wolgemuth

Wengers Food Mills Inc. in Rheems has agreed to purchase Wolgemuth Bros. Inc., a Mount Joy manufacturer of livestock and poultry feed. The purchase price was not disclosed.

Wolgemuth at 230 S. Market Ave., Mount Joy, has 70 employees and two milling operations at the Mount Joy plant. Wolgemuth manufactures Florin livestock and poultry feed.

Wengers, founded in the early 1940s by Melvin M. Wenger, is in Rheems.

Dairymen Face $5.2 Million Decision

HARRISBURG — Richard E. Grubb, Pennsylvania secretary of agriculture, reminds Pennsylvania dairymen in Federal Order 4 that they have until Dec. 15 (one week) to choose a dairy promotion program to support in 1987 with their milk production assessments.

They must decide between the Pennsylvania Dairy Promotion Program's statewide campaign and the Mid-Atlantic Milk Marketing Area's regional promotional efforts.

"This is an opportunity for our dairymen to be active in the decision making process, and to control how their money is spent," Grubb said.

Dairymen must issue written notice to Joseph Shine, federal milk market administrator, by Dec. 15 if they choose to contribute assessments to the Pennsylvania Dairy Promotion Program, Grubb advised. Shine's address is: P.O. Box 25825, Alexandria, Va. 22313.

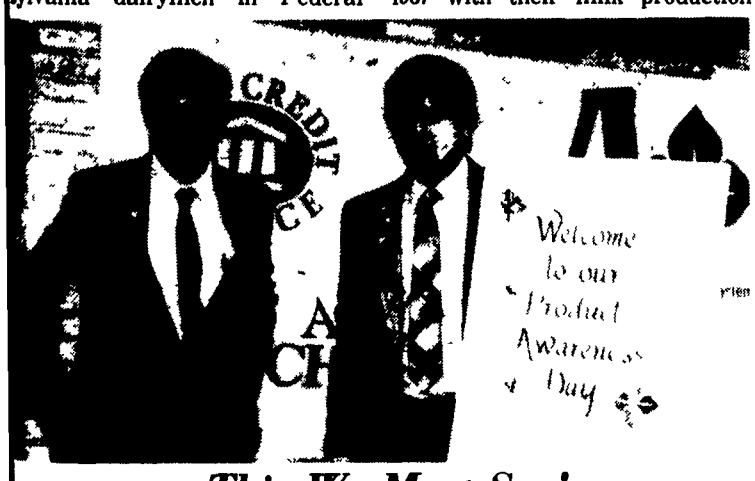
In the absence of such notice, assessments are automatically credited by Shine to the MAMMA program.

Under federal law, a 15-cent assessment is collected for each 100 pounds of milk produced. Five cents is earmarked to the National Dairy Promotion Board for nationwide advertising, promotion and research. Producers decide which state and regional promotion efforts receive the remaining 10 cents.

A phone survey conducted by Bob Williams Associates of Camp Hill revealed that 57 percent of Pennsylvania dairymen in Federal Order 4 did not realize they had a choice of directing where the remaining 10 cents would go. Of those surveyed, 95 percent were uncertain were their 10 cents was going.

The majority of the dairymen polled were aware of the 15 cent per hundredweight deduction and that 5 cents of the 15 went to the

(Turn to Page A31)



This We Must See!

On Tuesday morning these two loan officers at the Annville office of Farm Credit were still in excellent health at their Office Products Awareness Day. But along with some other door prizes like cheese, bologna and fruit baskets, Greg Snyder, left, and Keith Silfee were up for a loan to a full-time farmer (or his wife) in a drawing.

According to the rules, very visibly displayed by the entry blank box, Greg and Keith will be available to work on the farm of the winner one day approximately 10 hours Monday through Friday according to the winning farmer's schedule. The sign said, "We are at your mercy for the day."

But both loan officers were a little hesitant to take credit for the quote since the nature of the work they may be asked to perform was not clear. Cleaning out box stalls, feeding pigs or calves, changing the baby's diaper, stripping tobacco or making dinner. Any one of these jobs plus numerous other jobs might be in store for them.

For now it's still uncertain. But some time before January 31, we'll know. And then we'll let you know how two loan officers from Annville feel after a "real" day's work on the farm.

Dairy Policy On Hold

BY JOYCE BUPP
York County Correspondent

LAS VEGAS — Improving prices and a smaller surplus have resulted in a wait and see attitude hovering over much of America's dairy leadership meeting here this week for a National Dairy Summit.

As a result, the controversial issue of milk supply management for the nation's dairy industry seems likely to simmer on the back burner behind the more heated political issues of glaring budget deficits, grain gluts, trade imbalance and economic instability on the farm.

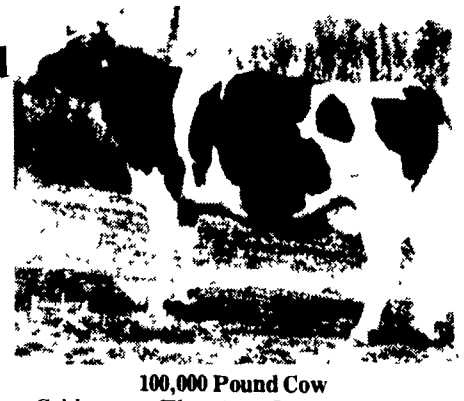
In fact, delegates to the annual National Milk Producers Federation meeting rejected a policy amendment to intensify groundwork on framework of supply management options for the milk industry. More than 1,500 dairy industry leaders, delegates and guests gathered at Caesar's Palace Monday through Thursday for the Federation's annual meeting and dairy summit.

Featured on the program headlined by Washington notables were Secretary of Agriculture Richard Lyng, Senators Jesse

(Turn to Page A24)

All-Maryland Holsteins

Don't miss the winners of the All-Maryland Holstein contest in the open and junior divisions. To see the remaining pictures of the class winners turn to pages A26 and A27.



100,000 Pound Cow
Coldspring Elevation Insert owned by Marlin Hoff.

Livestock market and auction news

Lancaster Market

Monday, Dec. 1
Report Supplied by USDA

Cattle	Calves	Hogs	Sheep	Goats
Monday's Receipts				
957	125	606	219	284
Monday's Auction				
1174	140	605	215	347
Last Monday's Auction				
965	104	482	303	426
Last Year's Auction				
1121	168	772	369	260

CATTLE: Compared to last Tuesday slaughter steers .50-1.00 lower; slaughter heifers fully steady; cows 1.00-1.50 higher; bullocks fully steady; bulls firm to 1.00 higher. Supply included 55% slaughter steers, 19% slaughter heifers, 17% cows, and 9% bulls.

SLAUGHTER STEERS: Choice 2-3 few 4 1050-1400 lb. 62.25-65.00, few 65.00-66.00; few Choice and Prime 2-3 1175-1300 lb. 66.50-69.00; high Good and low Choice 2-3 1050-1350 lb. 58.50-62.50; Good 2-3 54.50-58.00; few Choice 1350-1500 lb. Holsteins 52.75-56.00, Good 1250-1400 lb. 48.00-50.00, Standard and low Good 1200-1350 lb. 43.75-47.75.

SLAUGHTER HEIFERS: Choice 2-3 900-1200 lb. 55.75-61.00, few Choice 2 61.50-64.50; Good 2-3 850-1150 lb. 50.75-55.50.

COWS: Breaking Utility and Commercial 2-4 37.50-39.50, few 40.00-40.50; Commercial and Good 2-4 beef breed heiferettes 41.00-43.00; Cutter and Boning Utility 1-3 35.50-38.50 ,few 38.50-39.00; Canner and low Cutter 32.00-35.00.

BULLOCKS: Choice 1-3 1150-1425 lb. 50.50-54.50, couple 55.00-56.25; Good 1-2 950-1250 lb. 44.00-49.75.

BULLS: Yield grade 1 1400-2000 lb. 48.25-51.75, couple head 53.75-54.50; yield grade 2 1000-1550 lb. 45.75-49.00.

VEAL CALVES: Vealers fully steady; slaughter calves steady. Demand fair for Holstein bulls to return to farm.

VEALERS: Choice 160-300 lb. 80.00-90.00, couple 90.00-95.00; high Good and low Choice 140-300 lb. 65.00-80.00, 100-140 lb. 45.00-60.00, 80-100 lb. 35.00-47.00.

SLAUGHTER CALVES: Good and Choice 275-450 lb. 45.00-53.00, few Choice 53.00-60.00.

RETURNED TO FARM: Small supply 95-120 lb. Holstein bulls 75.00-90.00, few small frame 60.00-75.00.

HOGS: Compared to last Wednesday barrows and gilts 1.00-1.50 higher; sows steady.

BARROWS AND GILTS: US 1-2 210-250 lb. 55.00-56.25, few 56.25-56.85; US 1 210-250 lb. 57.00-59.00; US 1-3 200-265 lb. 54.00-55.00; US 1-2 300-500 lb. 40.00-45.00; US 1-3 500-650 lb. 45.00-48.50.

SHEEP: Wooled lambs firm to 5.00 higher; slaughter ewes steady, instances 5.00 higher.

WOOLED LAMBS: High Choice and Prime 80-105 lb. 66.00-70.00; Choice 75-105 lb. 62.00-67.00, 110-140 lb. 45.00-60.00; Good to low Choice 65-90 lb. 60.00-65.00.

SLAUGHTER EWES: Utility and Good 25.00-35.00.

GOATS: All goats sold by the head; Large mature 50.00-70.00, Medium 35.00-50.00; Good and Choice kids 25.00-35.00, Plain kids 15.00-25.00.

Vintage Cattle

Tuesday, Dec. 2
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	824	1016	10	1
Last Tues.	898	1033	36	0
Last Year	1131	999	8	9

CATTLE: Compared to Monday slaughter steers .50-1.00 higher; cows fully steady; slaughter heifers and bulls not tested. Supply included 38 percent slaughter steers and 59 percent cows.

SLAUGHTER STEERS: Choice 2-3 few 4 1100-1375 lb. 63.25-66.50, few 66.50-67.75; about 15 head Choice and Prime 2-3 1150-1325 lb. 68.00-70.00; high Good and low Choice 2-3 1075-1450 lb. 59.25-63.50; Good 2-3 1050-1450 lb. 57.00-60.0; few head Choice 1095-1540 lb. Holsteins 50.25-54.75, Good 1200-1570 lb. 47.50-49.75.

COWS: Breaking Utility and Commercial 2-4 37.75-40.50, few 40.50-41.25; few Commercial 3-4 35.75-37.50; Cutter and Boning Utility 1-3 35.75-39.25, few 39.50-41.50; Canner and low Cutter 32.75-35.75.

BULLS: Few yield grade 1-2 1425-1700 lb. 45.50-48.50. Couple Choice 1150-1350 lb. Bullocks 54.50-55.75.

VEAL CALVES: Vealers weak to 5.00 lower, although Choice not fully tested. Supply included 611 in graded sale of which 72 percent sold to return to farm.

VEALERS: Couple Choice 160-225 lb. 76.00-78.00; high Good and low Choice 140-300 lb. 55.00-72.00, 80-110 lb. 37.00-43.00 few 43.00-47.00; Standard 60-80 lb. 22.00-35.00.

RETURNED TO FARM: 275 head 90-125 lb. Holstein bulls 94.00-99.00, 25 head 85 lb. 70.00; 85 head 100-115 lb. small frame 65.00-79.00.

SHEEP: Insufficient volume for a market test; few Choice 90-125 lb wooled lambs 55.00-59.00, couple 55-60 lb. 70.00-77.00.

GOATS: No market test.

New Holland Livestock

SLAUGHTER EWES: Utility and good 24.00-35.00, couple 35.00-40.00.

GOATS: All goats sold by the head, bulk of the supply medium selling at 34.00-46.00, couple large mature 76.00-86.00.

Lancaster Auction

Wednesday, Dec. 3
Report Supplied by USDA

Cattle	Calves	Hogs	Sheep	Goats
Wednesday's Receipts				
221	1	487	6	0
Wednesday's Auction				
139	1	435	0	0
Last Wed.'s Auction				
47	20	261	13	0
Last Year's Auction				
156	33	345	0	0

CATTLE: Insufficient volume to test trends, small supply of available classes steady to weak.

SLAUGHTER STEERS: Choice 2-3 1100-1275 lb. 61.75-63.75; high Good and low Choice 2-3 1075-1225 lb. 59.00-62.00; few Good 2-3 990-1150 lb. 57.75-59.50; one lot Choice 1390-1570 lb. Holsteins 54.25-58.50, couple low Good 1285-1535 lb. 45.35-47.00.

SLAUGHTER HEIFERS: Choice 2-3 1025-1180 lb. 57.10-60.50; Good to low Choice 820-975 lb. 52.00-55.00.

COWS: Couple Breaking Utility 2-3 37.50-38.75; Cutter and Boning Utility 1-3 34.00-37.50; Canner and low Cutter 31.75-33.00.

VEAL CALVES: No market test.

HOGS: Compared to Monday barrows and gilts .50-1.50 higher; sows not fully tested.

BARROWS AND GILTS: US 1-2 205-255 lb. 56.50-57.50; US 1 210-250 lb. 57.50-58.00.

SOWS: US 1-3 300-550 lb. 38.00-42.50.

SHEEP: No market test.

GOATS: No market test.

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Rt. 22
PHONE JONESTOWN 865-2881
Flea Market Auction every Tuesday at 12:30, Tools, Eggs, Produce, etc.
Buyers & Sellers Welcome

New Holland Livestock

New Holland, Pa.
Thursday, Dec. 4

	Cattle	Calves	Sheep	Goats
Today	1077	767	101	21
Last Week			Holiday	
Last Year	1107	860	59	22

CATTLE: Compared to Tuesday slaughter steers mostly steady, although high choice and prime not fully tested; slaughter heifers not tested; cows steady, instances 1.00 lower on canner and low cutter; bulls and bullocks mostly steady. Supply included 29 percent slaughter steers and 61 percent cows.

SLAUGHTER STEERS: Choice 2-3, few 4 1150-1425 lb. 62.75-65.50, few head 65.50-66.50; few head high choice and prime 3 1175-1325 lb. 66.00-66.75; few choice 2-3 1025-1125 lb. 61.75-63.00; high good and low choice 2-3 1075-1400 lb. 59.50-63.50; few good 2-3 55.00-59.00; good and choice 1150-1450 lb. Holsteins 49.00-53.75; few standard to low good 1000-1275 lb. 44.50-47.50.

SLAUGHTER HEIFERS: Couple choice 2-3 1140-1280 lb. 54.75-58.85; standard and good 1125-1450 lb. Heiferettes 45.00-48.00.

COWS: Breaking utility and commercial 2-4 36.75-39.50, several 40.00-42.00; commercial 3-4 34.50-36.50; cutter and boning utility 1-3 35.50-39.00, several 39.00-40.00; canner and low cutter 31.75-35.75, few 30.50-31.50.

BULLOCKS: Choice 1-3 1100-1425 lb. 51.00-55.25; good 1-2 1050-1225 lb. 45.50-51.00.

BULLS: Yield grade 1 1400-2100 lb. 48.25-51.00, couple 51.25-53.00; yield grade 2 1000-1450 lb. 45.50-48.50.

VEAL CALVES: Vealers fully steady, instances 3.00 higher on high good and low choice 80-110 lb.; slaughter calves weak to 5.00 lower; demand good for Holstein bulls to return to farm.

VEALERS: Few High choice and prime special fed 360-440 lb. 94.00-108.00; choice 160-350 lb. 73.00-90.00, couple 90.00-94.00; high good and low choice 140-300 lb. 60.00-75.00, 110-140 lb. 45.00-65.00, 80-110 lb. 40.00-45.00, few 45.00-48.00.

SLAUGHTER CALVES: Choice 280-400 lb. 50.00-59.00, few 59.00-66.00; good to low choice 250-550 lb. 39.00-48.00.

RETURNED TO FARM: Bulk 95-125 lb. Holstein bulls 85.00-99.00, several 100.00-103.00; several small frame 95-110 lb. 60.00-80.00, few 85-90 lb. 50.00-60.00.

SHEEP: Wooled lambs fully steady; slaughter ewes steady.

WOOLED LAMBS: Choice and prime 110-120 lb. 70.00-73.00, few 70-80 lb. 79.00-80.00; good to low choice 65-90 lb. 60.00-69.00.

Lancaster County Weekly

Friday, Dec. 5
Report Supplied by PDA

	Cattle	Calves
This Week	3400	1920
Last Week	2383	1141
Last Year	4024	2087

CATTLE: Slaughter steers steady to weak, although high Choice & Prime continued to be scarce; sl. heifers fully steady; cows 1.00 to 1.50 higher; bullocks fully steady; bulls firm to 1.00 higher. Supply included 39 per cent sl. steers, 10 per cent sl. heifers, 41 per cent cows, 5 per cent bulls with the balance feeders.

SLAUGHTER STEERS: Choice 2-3 few 4 1100-1425 lbs. 62.75-65.50 several 66.00-66.50; few head high Choice & Prime 2-3 1150-1325 lbs. 66.50-70.00; Choice 2-3 1025-1125 lbs. 61.75-63.00; high Good & low Choice 2-3 1050-1450 lbs. 59.25-63.50, Good 2-3 55.00-60.00; Choice 1100-1550 lb. holsteins 50.50-56.00, Good 47.50-50.00, Standard & low Good 43.75-48.00.

SLAUGHTER HEIFERS: Choice 2-3 900-1200 lbs. 54.75-61.00, few Choice Grade 2 61.50-64.50; Good 2-3 850-1150 lbs. 50.75-55.50; Standard & Good 1125-1450 lb. heiferettes 45.00-48.00.

COWS: Breaking Utility & Commercial 2-4 36.75-39.50 several 40.00-42.00; Commercial & Good 2-4 beef breed heiferettes 41.00-43.00; Cutter & Boning Utility 1-3 35.50-39.00, several 39.00-40.00; Canner & low Cutter 32.00-59.75 few 30.50-31.50.

BULLOCKS: Choice 1-3 1100-1425 lbs. 50.50-55.00, couple 55.00-56.25; Good 1-2 950-1250 lbs. 44.00-51.00.

BULLS: YG 1, 1400-2000 lbs. 48.25-51.75, couple 51.75-54.50; YG 2, 1000-1550 lbs. 45.50-49.00.

VEAL CALVES: Vealers fully steady, instances 2.00 higher on high Good & low Choice; 80-110 lb. sl. calves weak to 5.00 lower. Demand good for holstein bulls to return to farm.

VEALERS: Few high Choice & Prime special fed 360-440 lbs. 94.00-108.00; Choice 160-350 lbs. 73.00-90.00 couple 90.00-95.00; high Good & low Choice 140-300 lbs. 60.00-80.00, 110-140 lbs. 45.00-65.00; 80-110 lbs. 38.00-45.00 few 45.00-48.00; Standard 60-80 lbs. 22.00-35.00.

SLAUGHTER CALVES: Choice 280-1400 lbs. 50.00-59.00 few 59.00-66.00; Good to low Choice 250-550 lbs. 39.00-48.00.

RETURNED TO FARM: Bulk 95-125 lb. holstein bulls 85.00-99.00, several 100.00-103.00, several small frame 95-110 lbs. 60.00-80.00, few 85-95 lbs. 50.00-60.00..

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365 days a year
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9:00 A M —Slaughter Bulls, Heifers, Steers, Cows
10:00 A M —Goats, Veal Calves, Lambs
12 Noon —Slaughter Hogs
WEDNESDAY
8:00 A.M —Slaughter Hogs
10:00 A M. —Slaughter Bulls, Heifers, Steers, Cows
11 00 A.M —Veal Calves, Lambs
FRIDAY
11 00 A M —Stocker and Feeder Cattle
SATURDAY
8.00 A.M —Slaughter Hogs
GRADED FEEDER CATTLE SALE FRIDAY, DECEMBER 12th
LANCASTER STOCKYARDS, INC.
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VINTAGE SALES STABLES, INC.
Sale Every Tuesday
10:30 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
Sale Every Saturday
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Ph. (717) 656-9849

PIGS
STATE GRADED SALE
FRI., DEC. 12
1:30 P.M.
AT
CARLISLE
Livestock Market Inc.
Exit 12 Off I-81
(717)249-4511 or
Evenings Jim 249 2359

HOG MARKETS

Lancaster Hogs

Lancaster Stockyards
Sat., Nov. 29, 1986
Report supplied by auction

460 head.

U.S. 1 205-250 lbs., 56.00-57.00; U.S. 1 & 2 190-245 lbs., 54.75-55.75; U.S. 1 & 3 230-260 lbs., 53.50-54.50; U.S. 2 & 4, 200-255 lbs., 52.00-53.25; Sows, 300-450 lbs., 40.25-46.50; 500-590 lbs., 42.00-48.00; Boars, all weights, 39.50-41.25.

New Holland Hogs

New Holland Sales Stables
New Holland, PA
Monday, Dec. 1, 1986
Report Supplied by Auction

730 head. Market steady. Wholesale, 54.00-56.00. Sows 43.50-48.00. Boars 39.00-43.00.

Feeder Pigs: 1082 head. Lower. 1 & 2's 30-39 lbs. 101.00-138.00, 40-49 lbs. 96.00-110.00, 50-59 lbs. 89.00-113.00.

New Holland Feeder Pigs

Wednesday, Dec. 3, 1986
Report Supplied by Auction

Today	1082
Last Wednesday	960
Last Year	767

TREND: Compared to last Wednesday feeder pigs 15.00-25.00, instances 30.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 30 hd. 18-25 lbs. 164.00-180.00; 97 hd. 29-34 lbs. 134.00-144.00; 180 hd. 30-39 lbs. 100.00-126.00; 332 hd. 40-49 lbs. 91.00-104.00; 21 hd. 49 lbs. 110.00; 95 hd. 50-59 lbs. 89.00-100.00; 25 hd. 55 lbs. 113.00; 96 hd. 60-65 lbs. 80.00-95.00; 19 hd. 84 lbs. 74.00.

US 2-3: 41 hd. 43-58 lbs. 77.00-81.00; 45 hd. 79-90 lbs. 66.00-70.00.

Eastern PA and NJ Poultry

Wednesday, Dec. 3, 1986
Report Supplied by USDA

Market Comment: Prices continued to work lower. Offerings tight but about adequate for this week; increased for next week and at least fully adequate overall. End-product clearances picking up and fairly good. Some plants noting increased availability of broiler meat.

Prices Paid at Farm:

Light Type Hens: 12-16, mostly 13-14½.

F.O.B. Plant: too few.

Vintage Hogs

Paradise, Pa.
Thurs., Dec. 4, 1986

Report Supplied by Auction

1's and 2's, 225-265 lbs., 51.00-54.25; Sows, 340-590 lbs., 40.00-42.25; no market for Boars.

Indianapolis Hogs

Thursday, Dec. 4, 1986

600. Barrows & gilts slow, .50-1.00 lower, most decline over 250 lb.

US 1-3 230-255 lb. 53.00-53,50.

US 2-4 250-265 lb. 52.25-53.50.

SOWS: Slow, 1.00-3.00 lower, most decline over 600 lb. (6%)

US 1-3 400-575 lb. 42.00-43.00.

US 2-3 Couple Packages 665-730 lb. 50.00.

BOARS: Over 400 lb. 41.00.

St. Louis Hogs

Thursday, Dec. 4, 1986

4500 - Barrows & gilts slow, .75-1.00 lower, instances 1.50-2.00 lower on weights over 260 lb.

US 1-3 200-250 lb. 52.50-53.00.

US 2-3 250-270 lb. 50.50-52.00, few 52.25, 270-290 lb. 49.00-50.50.

SOWS: Under 500 lb. steady; over 500 lb. 1.00-2.50 lower (About 7%)

US 1-3 All Weights 44.00-45.50.

BOARS: Over 300 lb. 43.00; under 300 lb. 41.00.

Peoria Hogs

Thursday, Dec. 4

2800 - Barrows & gilts slow, fully 1.00 lower.

US 1-2 220-240 lb. 53.00-53.50, 150 head 53.75-54.00.

US 1-3 200-250 lb. 52.50-53.00.

SOWS: Under 500 lb. .50-1.00 lower; over 400 lb. steady-.50 higher. (13%)

US 1-2 350-500 lb. 44.00-44.50.

US 1-3 500-650 lb. 46.00-46.50.

BOARS: Over 350 lb. 43.50; under 350 lb. 42.00-42.50.

Chambersburg Livestock

Chambersburg, Pa.
Thursday, December 4
Report supplied by PDA

CATTLE: 395. Good steers 53.00-60.00 Standard 49.75-50.75; Good heifers 54.00-55.50; Breaking Utility & Commercial cows 36.00-40.00; Cutter & Boning 34.00-38.00; Canner & Cutter 30.00-34.00; bulls few YG No. 2, 700-1400 lb. 29.25-43.00.

FEEDER CATTLE: Steers Med. No. 1&2, 400-500 lb. 29.50-54.00; 600-700 lb. 30.00-40.00; heifers Med. No. 1, 500-600 lb. 45.00-55.00; bulls Med. No. 1-2, 600-700 lb. 34.50-46.50.

CALVES: 482. Choice 80.00-84.00; Good 65.00-74.00; Standard & Good 80-100 lb. 50.00-55.00; hol. bulls 95-110 lb. 80.00-106.00; heifers 90-110 lb. 50.00-62.00.

HOGS: 34. No. 1-2, 210-235 lb. 53.10-54.50; No. 1-3, 200-240 lb. 48.25-53.00; sows No. 1-3, 300-550 lb. 45.50-48.50.

SHEEP: 6. No. 1-3, 35-40 lb. 41.00-49.00.

GOATS: 10. Choice 80-110 lb. 56.50-61.50.

Joliet Weekly

Wednesday, Dec. 4
Report supplied by USDA

Sales this week 925; a week ago 694; last year 1972. Slaughter steers and heifers ended the week .50 to mostly 1.00 higher.

SLAUGHTER STEERS: Choice 2-4 1100-1300# 62.50-64.00; Mixed good and choice 2-3 1000-1200# 61.00-62.00.

SLAUGHTER HEIFERS: Choice 2-4 900-1100# 61.50-62.50; package 63.00. Mixed good and choice 2-3 900-1050# 59.00-61.50.

North Jersey Market

Hackettstown, N.J.
Tuesday, Dec. 2, 1986
Hay—Straw & Grain Report

Mixed 2.25/bale.

Total 1 Lot.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

	CATTLE	CALVES	HOGS	SHEEP
Thursday 11/26/86				
Week To Date (Est.)	528,000	50,000	1,201,000	82,000
Same Pd. Lt. Wk. (Est.)	417,000	39,000	945,000	64,000
Same Pd. Lt. Yr. (Act)	496,000	55,000	1,232,000	96,000

GRAIN, CATTLE AND HOG FUTURES MARKETS

(Daily closing bids: Friday, Nov. 28 through Thursday, Dec. 4)

CORN

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	168¾	171	168	166¾	161¼
MAR. 87	177¾	179¼	176¾	173¾	171¾
MAY	182¼	184½	182	179¼	178
JULY	184	186	183¾	180¾	180
SEPT.	186½	187¼	185	182½	181¾
DEC.	190½	191¼	189	186¼	161¼

WHEAT

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	292	293½	289¾	288¾	283½
MAR. 87	286¼	287¾	284¼	284¾	281¾
MAY	267	268¾	266½	266¾	265¾
JULY	248½	249¼	248¾	248½	248¾
SEPT.	250	250½	249½	249	249½

SOYBEAN MEAL

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	149.30	149.40	149.00	147.30	145.70
JAN. 87	148.90	148.60	148.30	147.20	146.10
MAR.	148.80	148.50	147.90	147.60	146.50
MAY	149.00	148.50	148.50	148.20	147.10
JULY	149.00	148.80	148.70	148.70	147.50
AUG.	149.20	148.90	148.80	148.80	147.80
SEPT.	148.80	148.60	149.00	149.00	147.70

SOYBEANS

	FRI.	MON.	TUES.	WED.	THURS.
JAN.	503½	503¾	502	501¾	497¼
MAR. 87	507¼	507¼	505¼	505¼	500¾
MAY	510½	510¾	508	508¾	504¾
JUL.	512¾	512½	510½	510¾	507
AUG.	511¼	511	508¾	509	506½
SEP.	501	501½	499½	501	499
NOV.	501½	501½	500¼	502¼	499¾

CHICAGO CATTLE

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	62.10	62.45	61.92	61.07	61.42
FEB. 87	59.17	59.27	58.30	57.15	57.57
APR.	58.55	58.50	57.80	56.85	57.17
JUN.	57.20	57.22	56.75	56.25	56.52
AUG.	55.90	56.00	55.65	55.40	55.67

CHICAGO HOGS

	FRI.	MON.	TUES.	WED.	THURS.
DEC.	55.60	56.22	56.25	55.30	55.47
FEB. 87	52.45	53.07	52.60	51.70	52.15
APR.	46.77	47.45	46.87	45.92	46.60
JUN.	48.47	49.05	48.70	48.05	48.40
JUL.	48.17	48.72	48.25	47.60	47.95
AUG.	45.75	45.95	45.70	44.87	45.00

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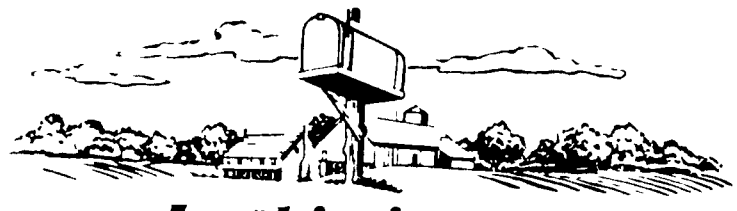

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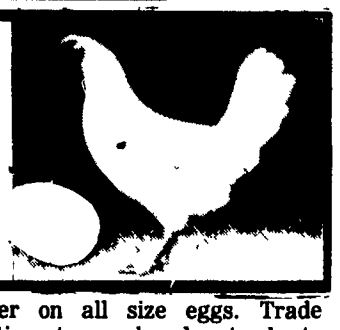
POULTRY MARKETS



Delmarva Poultry

Thursday, Dec. 4, 1986

Market Comment: Demand for ready to cook whole birds was slow for the most part. Offerings continued to increase and discounting was prevalent in the market in an effort to clear stocks. Inquiry in the parts complex ranged slow to only fair. White meat, particularly breasts, were ample and trading at sharply lower prices; other items were at least fully adequate. Less than trucklot asking prices were two cents lower at 50-56 cents and negotiable. Live supplies' were at least moderate. Weights continued desirable to mostly heavy. Slaughter schedules were light overall. The undertone was weak.

Estimated slaughter of broiler fryers in Delmarva:

Estimated 12/4 1,837,000; Actual 11/27 no kill.

Actual 12/2 1,898,000.

Average Weights 12/2 4.68, 11/25 4.54.

Philadelphia Eggs

Thursday, Dec. 4, 1986
Report Supplied by USDA

Market Comment: Prices were lower on all size eggs. Trade sentiment was barely steady to weak. Both cartoned and loose egg movement was sluggish and generally no better than fair. Graded stocks of extra large and large were adequate to fully adequate, while mediums were fully adequate to ample.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .74-.78; A Large .72-.76; A Medium .64-.69.

New York Multiple Drop Broiler Report

Thursday, Dec. 4, 1986
Report Supplied by USDA

Current broiler-fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

Range: U.S. Grade A 50-58.

Weighted AVG.; U.S. Grade A 54.98.

Premium (X) Boxes 7,038

(X) Includes special services, selected competitive brands, etc.

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Heinsey's Poultry Report

Root's, East Petersburg
Tuesday, Dec. 2, 1986
Report supplied by auction

Muscovy Ducks, Drakes: range .70-.82 per lb.

Muscovy Ducks, Hens: range .46-.62 per lb.

Pekin Ducks: range .25-.42 per lb.

Pullets: 6-8 lbs. range .50-.64 per lb.

Red Fowl: 4-4½ lbs. range .26-.40 per lb.

Red Fowl: 5-6 lbs. range .40-.58 per lb.

Crossbred Fowl: 5-10 lbs. range .30-.56 per lb.

Crossbred Roosters: 4-6 lbs. range .40-.72 per lb.

Crossbred Roosters: 7-11 lbs. range .30-.64 per lb.

Guinea Fowl: range 1.10-1.45 per lb.

Banty Roosters: range 1.00-3.00 ea.

Banty Hens: range .50-1.00 ea.

Leghorn Hens: range .08-.28 per lb.

Leghorn Roosters: range .20-.34 per lb.

Geese 10-12 lbs. range .38-.58 per lb.

Pigeons: range 1.10-1.50 ea.

White Pigeons: range 2.60-3.00 ea.

Silkies: range 4.50-5.50 ea.

Doves: range 2.00-3.00 ea.

Chukars: range 3.60-3.85 ea.

Rabbits: 4-6 lbs. range 1.00-1.24 per lb.

Rabbits: 7-11 lbs. range .80-1.00 per lb.

Bunnies: .50-1.50 ea.

Guinea Pigs: range 1.00-4.75 ea.

Goats: range 24.00-28.00 ea.

Total Number of Coops: 425.

Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, Dec. 2
Report Supplied by Auction

Heavy Fowl .05-.60.
Leghorn Fowl .10-.40.
Medium Fowl .40-.70.
Bantams .25-.40.
Roasters 1.00-1.05.
Pullets .75.
Bunnies ea. .75-2.50.
Geese 3.10.
Roosters 1.05-1.15.
Ducks .50-1.25.
Rabbits .50-1.60.
Pigeons 1.80-2.20.
Guineas 1.70.

Eggs
White
Grade A

Jumbo X Lge. .73-.89; Large .60-.80; Medium .49-.65; Small .39.

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N.E. Weekly Shell Egg Report

Tuesday, Dec. 2
Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
N. HAMP.	.91-.95	.89-.93	.80-.84	.51-.55
Mostly	.93-.94	.91-.92	.82-.83	.53-.54
R.I.	.94-.98	.92-.96	.84-.88	.54-.58
Mostly	.94	.92	.84	.54
VERMONT	.97-1.04	.95-1.02	.79-.92	
Mostly	1.00	.98	.90	
MAINE	.89-1.05	.96-1.03	.87-.95	.58-.63

Weekly New York Egg Market Northeast Quotes

From Friday Nov. 28 to Thursday, Dec. 4

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.90	.90	.88	.88	.86
Ex. Large	.84	.84	.83	.83	.81
Large	.80	.80	.80	.80	.78
Medium	.74	.74	.72	.72	.70
Pullets	.60	.60	.60	.60	.60
Off Grade	.70	.70	.70	.70	.68
BROWN					
Ex. Large	.97	.97	.97	.97	.97
Large	.91	.91	.91	.91	.91
Mediums	.75	.75	.75	.75	.75
OFF GRADE					
Undergrades	.47	.46	.45	.45	.45
Checks	.45	.44	.43	.43	.43

Breaking Stocks: Friday 42-44 lbs. 42.00-44.00; 48-50 lbs. 52.00-54.00; 50 lbs. up 54.00-56.00. Monday 42-44 lbs. 41.00-43.00; 48-50 lbs. 51.00-53.00; 50 lbs. up 53.00-55.00. Tuesday 48-50 lbs. 50.00-52.00; 50 lbs. up 52.00-54.00.

Brown

Jumbo X Lge. .92-1.20; Large .90-1.02; Medium .68-.84.

Leesport Livestock

Leesport, PA
Wednesday, Dec. 3, 1986
Report Supplied by PDA

CATTLE: 230. Supply included 49 head feeder cattle, couple Choice steers 61.75 and 65.00; Good 52.00-59.25; few Standard 43.00-45.00; few Choice holsteins 52.25-53.25; few Good 46.00-49.75; few Choice heifers 54.00-55.75; few Good 47.50-50.00; Breaking Utility & Commercial cows 36.75-40.00; Cutter & Boning 34.00-37.75; Canner & Cutter 30.50-34.75; few Good bullocks 48.75-50.75; YG No. 1, 1130-1860 lb. bulls 41.75-47.75.

FEEDER CATTLE: Few Med. No. 1, 420-550 lb. steers 48.00-61.00; bulls few Large No. 1, 470-720 lb. 55.50-60.50; Choice 72.00-88.00; few Good 60.00-80.00; 75-110 lb. 45.00-50.00; hol. bulls 90-125 lb. 65.00-90.00; few heifers 90-120 lb. 55.00-62.00.

HOGS: 412. No. 1-2, 210-230 lb. 53.10-55.10; No. 2-3, 210-250 lb. 50.00-54.00; No. 3-4, 265-300 lb. 46.50-51.25; sows 350-675 lb. 44.00-45.25.

FEEDER PIGS: 226. Few lots No. 1-3, 22-27 lb. 117.50-136.00; 30-50 lb. 99.00-116.00; few lots 60-70 lb. 86.00-97.00; all per hundredweight.

SHEEP: 20. Few Choice 65-90 lb. 69.00-90.00; few Good 70-90 lb. 59.00-72.00.

GOATS: 8. Few Med. & Large 23.00-45.00.

Indiana Livestock

Homer City, Pa.
Thursday, December 4
Report supplied by PDA

CATTLE: 251. Few Choice 57.00-61.00; Good 52.00-56.75; Standard 45.00-51.25; few Good heifers 50.00-53.00; Standard 42.00-46.50; Breaking Utility & Commercial cows 38.00-42.00; Cutter & Boning 34.50-39.25; Canner & Cutter 29.75-34.75; shells 24.00; few Standard bullocks 43.75-45.00; YG No. 1, 1200-2250 lb. bulls 42.50-47.75; few No. 2, 1125-1355 lb. 38.75-41.00.

FEEDER CATTLE: Med. & Large Frame No. 1, 375-615 lb. steers 48.50-54.00; heifers Med. No. 1, 375-515 lb. 42.00-48.00.

CALVES: 186. Standard & Good 90-120 lb. 45.00-53.00; 60-85 lb. 37.00-47.50; hol. bulls 95-130 lb. 50.00-80.00.

HOGS: 226. No. 1-2, 215-230 lb. 53.75-54.00; No. 1-3, 215-250 lb. 53.00-53.75; No. 2-3, 230-255 lb. 51.00-52.75; No. 1-3, 195-205 lb. 50.00-53.00; No. 1-3, sows 285-610 lb. 43.00-46.75; boars 35.00-44.00.

FEEDER PIGS: 11. Few No. 1-3, 50-75 lb. 36.00-42.00.

SHEEP 39. Choice & Prime 80-120 lb. 54.50-58.50; Good & Choice 65-75 lb. feeder lambs 60.00-60.25; sl. ewes 11.50-21.00.

GOATS 10. 36.00-53.00.

North Jersey Livestock

Hackettstown, NJ
Tuesday, Dec. 2
Report supplied by auction

Calves- .20½-1.07.
Cows 28.00-42.50.
Easy Cows .04-35½.
Heifers 28.00-46.50.
Bulls 34.00-56.00.
Steers 31.50-58.50.
Hogs 35.00-55.00.
Roasting Pigs, each 2.00.
Boars 30.00-36.00.
Sows 38.00-41.50.
Sheep .15-.51.
Lambs, each 22.00-53.00.
Lambs, per lb. .28-1.01.
Goats, each 79.00-22.00.
Kids, each 49.00-17.00.
Hides, each 3.00-15.00.
Total 956.

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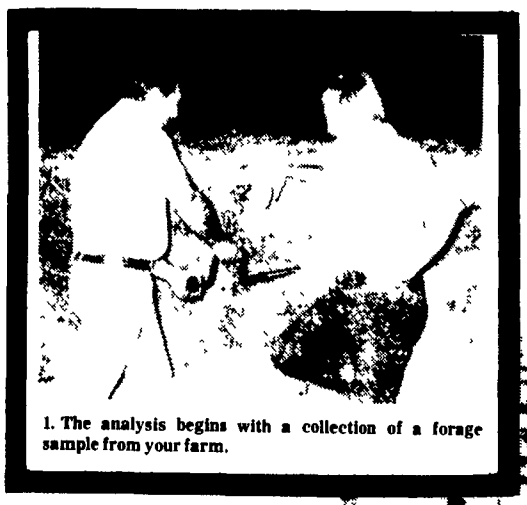
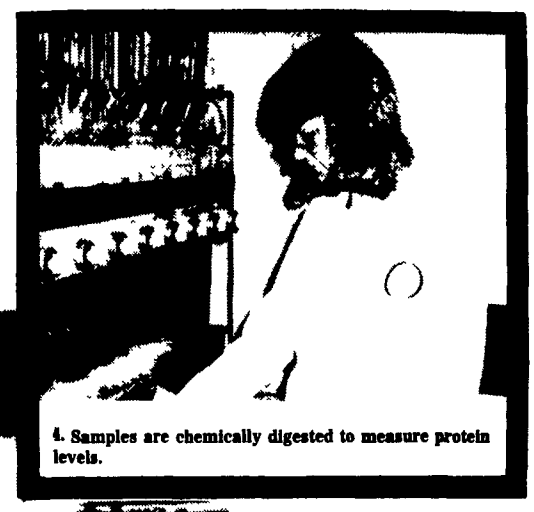
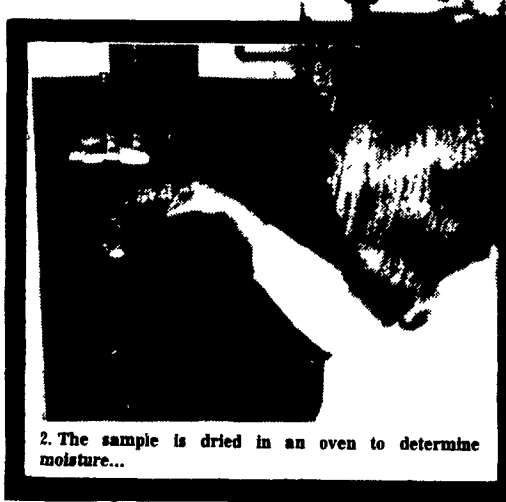


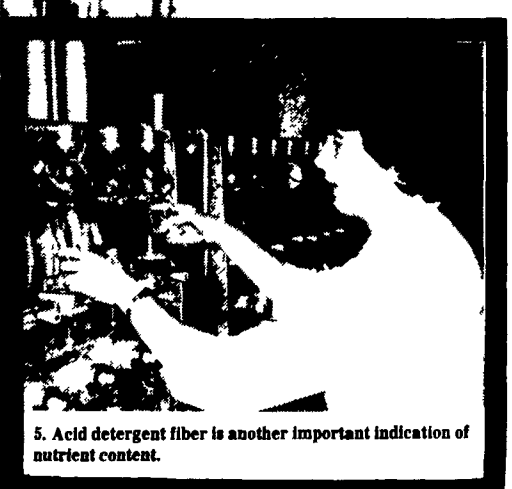
1. The analysis begins with a collection of a forage sample from your farm.



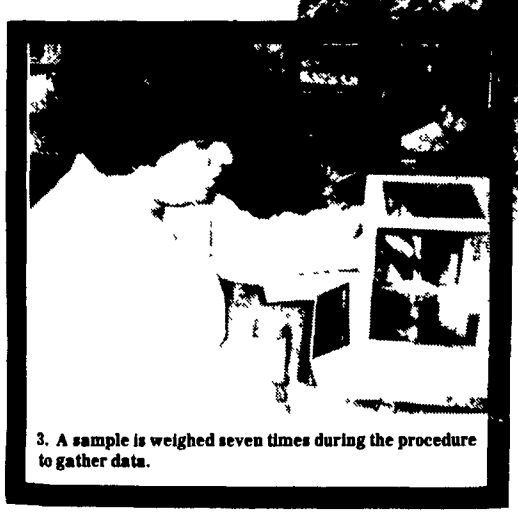
4. Samples are chemically digested to measure protein levels.



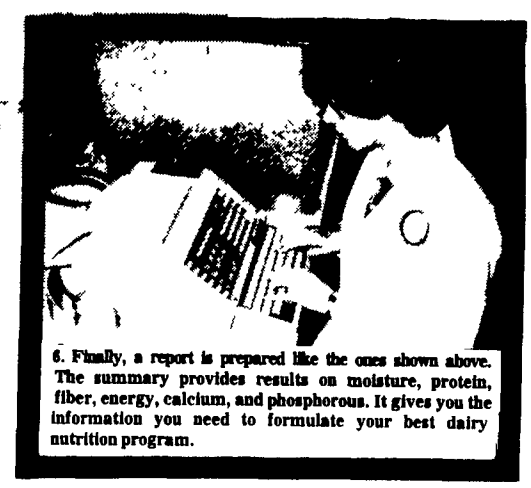
2. The sample is dried in an oven to determine moisture...



5. Acid detergent fiber is another important indication of nutrient content.



3. A sample is weighed seven times during the procedure to gather data.



6. Finally, a report is prepared like the ones shown above. The summary provides results on moisture, protein, fiber, energy, calcium, and phosphorous. It gives you the information you need to formulate your best dairy nutrition program.

Maximum feed efficiency and improved nutrition are two reasons for choosing Pennfield Dairy Program. Dairymen, you can count on Pennfield... for a better bottom line.

#515 16% Textured Dairy	#519 20% Dairy Pellet	#526 Pellet 26% Hi-Moist. Corn Conc.	#537 Meal 37% Var-Pro (All Natural)	#538 Meal 38% Fixed Formula (All Natural)	#534 Conc. 34% CP - 6¾% Fat (All Natural)
$138.45 Net/Ton	**$152.88** Net/Ton	**$207.09** Net/Ton	**$210.01** Net/Ton	**$229.71** Net/Ton	**$260.91** Net/Ton

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HAY MARKETS

Pa. Grain

Monday, Dec. 1
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA.: Corn steady to .05 higher; Wheat, Oats, and New Ear Corn steady to strong; Barley steady; Soybeans steady to .10 higher.

Southeastern Pennsylvania

Corn No. 2-y range 1.65-1.93, average 1.82; @Wheat No. 2 range 2.35-3.07, average 2.74, *Contract for Harvest 2.30-2.63; Barley No. 3 range 1.30-1.50, average 1.39, *Contract for Harvest 1.25; Oats No. 2 range 1.00-1.50, average 1.28; Soybeans No. 1 range 4.70-4.90, average 4.79; *Gr. Sorghum #2 range 1.65, average 1.65; *Old Ear Corn range 55.00-60.00, average 57.50; #New Ear Corn range 38.00-53.00, average 46.25.

Central Pennsylvania

Corn No. 2-y range 1.60-1.90, average 1.76; @Wheat No. 2 range 2.35-2.70, average 2.52; Barley No. 3 range 1.25-1.30, average 1.29; Oats No. 2 range .90-1.25, average 1.08; Soybeans No. 1 range 4.30-4.73, average 4.59; *Gr. Sorghum #2 range 1.50, average 1.50; *+Buckwheat range 8.50-9.50, average 9.00; *Old Ear Corn range 43.00-55.00, average 49.40; #New Ear Corn range 35.00-45.00, average 38.20.

South Central Pennsylvania

Corn No. 2-y range 1.70-1.95, average 1.83; @Wheat No. 2 2.30-2.60, average 2.45; Barley No. 3 range 1.20-1.40, few reported 1.60, average 1.36; Oats No. 2 .90-1.25, average 1.07; *Old Ear Corn range 45.00-55.00, average 50.00; #New Ear Corn range 40.00-55.00, average 47.43.

Western Pennsylvania

Corn No. 2-y range 1.62-1.90, average 1.73; @Wheat No. 2 range 2.35-2.55, average 2.45; Oats No. 2 range .85-1.20, few reported 1.40, average 1.12; *+Buckwheat range 9.50, average 9.50; *Old Ear Corn range 55.00, average 55.00; #New Ear Corn range few reported 48.00, average 48.00.

Southeastern, Central & South Central Summary

Corn No. 2-y range 1.60-1.93, average 1.80; @Wheat No. 2-y range 2.35-2.95, average 2.59; Barley No. 3 range 1.25-1.50, average 1.35; Oats No. 2 range .90-1.40, average 1.15; Soybeans No. 1 range 4.50-4.90, average 4.69; Old Ear Corn 43.00-60.00, average 51.20; #New Ear Corn range 35.00-55.00, average 45.07.

Month Ago

Corn No. 2-y range 1.75; @Wheat No. 2-y range 2.55; Barley No. 3 range 1.33; Oats No. 2 range 1.02; Soybeans No. 1 range 4.54; Old Ear Corn range 49.50; #New Ear Corn range 40.00.

Year Ago

Corn No. 2-y average 2.32; @Wheat No. 2-y average 2.90; Barley No. 3 average 1.57; Oats No. 2 average 1.04; Soybeans No. 1 average 4.64; #New Ear Corn average 51.12.

Regional Hay

Eastern, Pa.
On-Farm Sales

HAY & STRAW MARKET FOR EASTERN PA. (All Hay No. 2 and better prices paid by dealers at the farm and per ton.) - Hay and Straw steady.

Alfalfa 90.00-110.00; Mixed Hay 65.00-100.00; Timothy 65.00-100.00; Straw 60.00-90.00; Mulch 30.00-40.00.

Lancaster Co. Auctions

SUMMARY OF LANCASTER CO. HAY AUCTIONS For Week Ending 11/28. PRICES PER TON: LOADS: 230 Hay, 105 Straw, and 25 Ear Corn.

Alfalfa 95.00-142.00; Mixed Hay 88.00-140.00; Timothy 92.00-148.00; Straw 86.00-132.00; Ear Corn 50.00-62.00.

Central Pa. Hay Auctions

SUMMARY OF CENTRAL PA. HAY AUCTIONS For Week Ending 11/28. PRICES PER TON: LOADS: 106 Hay, 21 Straw, and 6 Ear Corn.

Alfalfa 90.00-153.00; Mixed Hay 65.00-121.00; Timothy 80.00-121.00; Straw 52.50-116.00; Ear Corn 50.00-60.00.

New Holland Hay

New Holland, PA
Monday, Dec. 1
Report Supplied by Auction

131 loads.

Alfalfa, 88.00-167.50; Timothy, 106.00-147.50; Mixed Hay, 71.00-163.00; Straw, 97.00-118.00.

Corn, 58.00-76.00.

Leinbach's Hay

Shippensburg, PA
Nov. 29 and Dec. 2, 1986
Report supplied by Auction

54 loads. Alfalfa, 93.00-160.00; Mixed Hay, 65.00-134.00; Timothy, 70.00-118.00; Brome Grass, 70.00-110.00; Straw, 60.00-100.00; Firewood, 25.00-40.00 pick-up load.

Carroll Co. Hay

Westminster, MD
Tuesday, Dec. 2
Report supplied by Auction

3 loads.

Alfalfa, good, 98.00-100.00.

Wood, 49.00 cord.

Vintage Hay

Paradise, PA
Thursday, Dec. 4
Report Supplied by Auction

14 loads.

Mixed Hay, 95.00-124.00; Alfalfa, 115.00-128.00; Straw, 107.00-135.00; Corn Fodder, 65.00; New Corn, 60.00.

King's Hay

Kirkwood, Pa.
Tuesday, Dec. 2, 1986
Report supplied by Auction

Very wet day; 5 loads.

Alfalfa, 2 at 125.00 and 135.00; 2 loads Straw, 113.00.

Grains needed to meet demands.

Keister's Hay

Middleburg, PA
Tuesday, Dec. 2
Report supplied by auction

6 loads Hay. Mixed Hay, 62.50-117.50; 2 loads Ear Corn, 47.50.

LIVESTOCK HAULING
Dependable Service
6 Possum Bottom Tractors and Trailers
Call Anytime

Vintage Sales Stables, Inc.
L. Robert Frame Manager
Office 717-442-4181
Office & Home: 215-458-5060
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48% Soybean Meal, $207.80
Distillers Grains, $174.00
Per Ton — Delivered
EVEN LOWER PRICES FOR LARGER QUANTITIES.
Buy up to 11 tons and save more! No extra charge to blend these ingredients.
NOTE We can sell for less because we sell only to people who pay promptly
WALKER COMPANY
Gap, PA 17527
717-442-4169 (Collect)

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

FAT HOGS

EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

DAIRY COWS

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna

The Action Auction
717-354-4341

Mgr - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY
FEEDER PIG
SALE
1:30 P.M.

We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

THURSDAY

10:00 AM

BULLS -

STEERS -
BEEF COWS

2:30 P.M.

CALVES

SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Green Dragon Hay

Ephrata, PA
Friday, Nov. 28
Report supplied by Auction

156 loads.

Mixed Hay, 73.00-180.00; Clover, 87.00; Timothy, 92.00-150.00; Mulch, 31.00; Canary Grass, 77.00-99.00; Alfalfa, 60.00-136.00; Stubble Hay, 47.00-112.00; Straw, 80.00-119.00; Corn, 50.00-74.00; Corn Fodder, 53.00.

Good's Hay

Leola, Pa.
Wednesday, Dec. 3, 1986
Report Supplied by Auction

83 loads.

Alfalfa, 86.00-187.00; Timothy, 101.00-160.00; Mixed Hay, 68.00-152.00; Orchard Grass, 85.00-139.00.

Oats, 1.80-2.15 bu.; Corn (New) 56.00-69.00; Oat Corn, 75.00; Straw, 94.00-143.00.

Frederick Co. Hay

Buckeystown, Md.
Thursday, Dec. 4, 1986
Report Supplied by Auction

Market steady to stronger on all grades of Hay and Straw. 49 loads.

Alfalfa, 2 loads fancy, 165.00-179.00, 15 fair to good, 122.00-155.00, 1 dark, 105.00; Alfalfa Mix, 4 loads fair to good, 127.00-142.00; Timothy Hay, 10 loads fair to good, 127.00-145.00; Mixed Hay, 3 fair to good, 108.00-132.00.

Grass Hay, 1 at 96.00; Straw, 9 Wheat bright, 97.00-102.00; 1 Oat Straw, 92.50; Firewood, 2 Oak, 85.00-88.00 cord.

Christmas party to be held Dec. 18, at 11 a.m.

Chambersburg Hay

Chambersburg, PA
Thursday, Dec. 4
Report Supplied by Auction

15 loads Hay. Alfalfa, 6 at 138.00-149.00; Mixed Hay, 9 at 120.00-141.00.

Belleville Hay

Belleville, PA
Wednesday, Dec. 3
Report supplied by Auction

26 loads Hay, Alfalfa, 107.50-140.00; Timothy, 85.00-97.50; Mixed Hay, 92.50-122.50; 6 loads Straw, 70.00-77.50; Ear Corn, 67.50.

Grantsville Livestock

Grantsville, Maryland
Saturday, Nov. 29, 1986

Large: 60-90; Medium: 50-65.

HOGS: Top Barrows & Gilts 53.00-55.25; Heavy Butcher 51.00-54.50; Light Butcher 47.00-53.20; Butcher Sows 42.00-50.00; Feeder Shoats 20.00-54.00.

VEAL: Good 60.00-72.00; Standard 50.00-59.00; Utility 45.00-50.00; Bull 58.00-87.50.

SHEEP & LAMBS: Good 60.00-63.50; Utility 50.00-57.00; Slaughter Ewes 17.00-27.00.

SLAUGHTER CATTLE: Steers: Good 54.25-59.85; Standard 50.00-53.50; Utility 44.00-48.00.

HEIFERS: Good 52.00-57.00; Standard 48.00-51.00; Utility 40.00-47.00.

COWS: Commercial 35.00-41.50; Utility 33.00-34.75; Canner & Cutter 28.00-32.50.

BULLS: Commercial & Good 44.00-50.25; Cutter & Utility 38.00-43.75.

STOCK-FEEDER CATTLE: (Yearling Steers) Good 54.00-58.50; Medium 50.00-53.00.

STEER CALVES: Good 57.00-63.00; Medium 50.00-56.00.

HEIFER CALVES: Good 41.00-42.00; Medium 35.00-41.00.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, Dec. 2
Report supplied by Auction

Beef Cows: Utility and Commercial 37.50-40.75; Cutters 34.75-37.00; Canners 31.50-34.50; Shells 27.00.

Heifers: Commercial 34.60-41.50.

Steers: Good 52.25-54.50.

Bulls: Standard 40.00-44.25.

Feeder Cattle: 300-500 lbs. large frame 41.00-48.00; 300-500 lbs. small frame 40.00-46.00; 500-700 lbs. large frame 40.00-47.50; 500-700 lbs. small frame 42.50-46.00.

Veal Calves: Choice 69.00-79.00; Good 59.00-68.00; Standard 45.00-57.00; Utility 37.00-44.00.

Farm Calves: Bulls 75.00-91.00; Heifers 60.00-68.00.

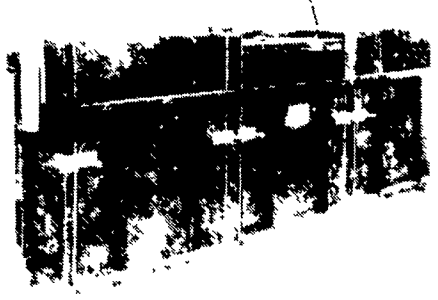
Hogs: 51.50-55.25.

Sows: 44.50-46.50.

Lambs: 50.50-65.00.

Goats per head: 20.00-24.00.

F & S OF VIRGINIA
HAY AUCTION
NEW MARKET, VA
EVERY TUESDAY, AT 11:30 A.M.
Open to everyone to buy & sell.
Drought Stricken area in the heart of the Shenandoah Valley Horse Country, Dairy & Beef Cattle Country. 3% Commission will be charged to the sellers.
Auction will be conducted at the F & S Auto Auction, located on Rt. 11 North, 2 miles North of New Market, VA and 3 miles South of Mount Jackson, VA.
Our policy is cash, certified check or bank approved letter.
For more information call:
703-740-8005 or 703-298-9187.

MARYLAND TOBACCO

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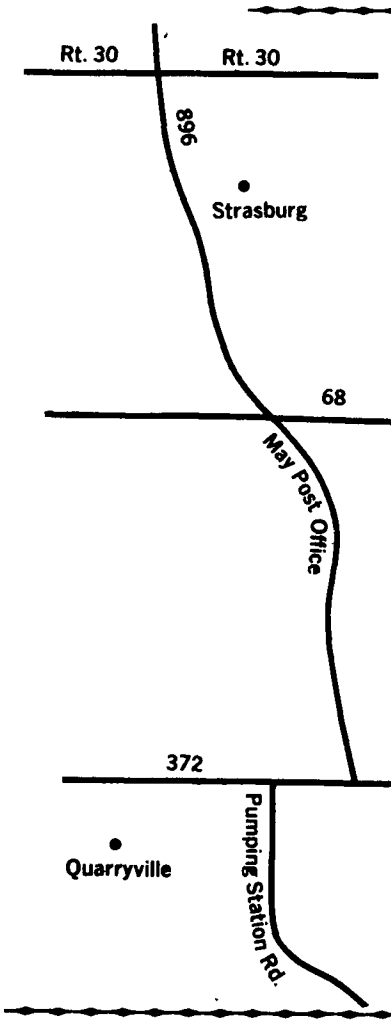
LANCASTER SILO CO., INC.
2008 Horseshoe Road
Lancaster, Pa. 17601
Ph. 717-299-3721

PENNSYLVANIA TOBACCO AUCTION, INC.
OPENING AUCTION
DECEMBER 8, 1986
9:30 AM
Intercourse Location



QUARRYVILLE AUCTION
December 9, 1 p.m.
Rt. 30 to 896 (intersection at Guernsey Barn) go south to Strasburg, straight thru on May Post Office Rd. to 372, turn right 1 block, Pumping Station Rd., turn left, first road right.

Quarryville Location
Pumping Station Rd.
717-786-8500

Intercourse Location
717-768-7100

MELHORN SALES, SERVICE, TRUCKING CO.
1010 W. Main St., Mount Joy, PA 17522

Four 50,000 Size Single Age
DEKALB Breeder Flocks Managed Under
The DEKALB Certified Breeder Program.
Capable of filling large order requirements in two consecutive days that insures uniformity and top quality chicks.
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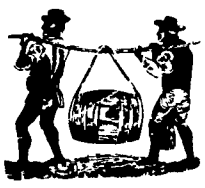
• Forward Contracting • Hedging Services
CFS PFA COMMODITY FUTURES SERVICE, INC.

THE OLD FARMER'S ALMANAC

DEC. 8-14, 1986

Winter is long in coming now, longer in leaving later.

First quarter of the moon Dec 8 (Mon) Ball bearing roller skates patented, Dec 9, 1854 Italian physicist Guglielmo Marconi sent first transatlantic wireless radio signal, Dec 12, 1901 Average length of days for the week, 9 hours, 9 minutes General Robert E Lee s soldiers defeated Union troops under Ambrose Burnside in the Battle of Fredericksburg, Dec 13, 1862 *Drink does not drown care but waters it and makes it grow faster*



Ask the Old Farmer: I bought a new refrigerator last year and put some frozen squid and other bait fish in the freezing compartment I was away for about 10 days and accidentally left the door open Any ideas on how I can get rid of the persistent (and very strong) odor? G M , Sea Isle City, N J *Get some pure extract of vanilla and wipe it over the entire inside of the refrigerator, rubbing it on hard Then wipe off with a clean cloth and rinse*

Home Hints. Two old spools nailed close together on a closet wall make a useful holder for brooms and brushes

OLD FARMER'S WEATHER FORECAST

New England: Beginning of week seasonable temperatures, possible showers and flurries, midweek snow north, sleet south, end of week clear and mild
Greater New York-New Jersey: Beginning of week sunny with mild temperatures, midweek light rain, end of week sunny and warm
Middle Atlantic Coastal: Week begins cloudy with seasonable temperatures, light rain, mid through end of week mild
Piedmont & Southeast Coastal: Beginning of week intermittent rain, midweek sunny with warm temperatures, end of week cold, showers central and north
Florida: Full week of warm temperatures, sunny north, cloudy with possible showers south
Upstate New York-Toronto & Montreal: Week begins cloudy with cold temperatures, midweek rain, possible sleet and snow, end of week seasonable
Greater Ohio Valley: Week begins with rain, midweek showers, end of week freezing rain and snow with seasonable temperatures

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New Wilmington Livestock Auction

New Wilmington, Pa.
Monday, Dec. 1, 1986
Report supplied by PDA

CATTLE 225. Compared with last Monday's market: Slaughter cows $1.50 to $2 higher. Few Choice slaughter steers 57.75-59.50, few Good 53.25-55.25, few Standard 50.00-51.00. One Choice slaughter heifer 59.75, Good 50.00-53.50, one 55.00, few Standard 44-46.50. Breaking Utility and Commercial slaughter cows 37.50-40.25, Cutter & Boning Utility 34.50-39, Canner & Low Cutter 30-34.75, Shells down to 26.00. One Standard slaughter bullock 43.50, few Utility 36.75-39.50. Feeder Cattle: Few Medium & Large Frame No. 1, 475-600 lbs. steers 50-51.75. Medium Frame No. 1, 380-555 lbs. heifers 42-47.00, few Holsteins 650-750 lbs. 35.50-39.00.

CALVES 286. Choice vealer, individual 97.00, few Good 63.00-79.00, Standard and Good 90-120 lbs. 40.00-55.00, 65-85 lbs. 25.00-43.00, Utility 50-65 lbs. 5.00-20.00. Farm Calves: Holstein Bulls 90-135 lbs. 55.00-81.00, few 90.00-99.00.

HOGS 278. Barrows and gilts mostly .25 lower. US No. 1-2 225-255 lbs. 54.00-54.50. 1 -3 210-260 lbs. 51.75-53.75, 2-3 220-260 lbs. 51.00-52.00, lot 270 lbs. 48.00, few 1-3 175-190 lbs. 43.00-45.75. Sows .50 to $2 lower. US No. 1-3 330-730 lbs. sows 43.50-47.50. Boars 39.00-44.50.

FEEDER PIGS 13. Few US No. 1-3 20-35 lbs. feeder pigs 23.00-38.00 — all per head.

SHEEP 117. High Choice and Prime 75-100 lbs. wool slaughter lambs 66.50-72.00, Good & Choice 90-115 lbs. 45.00-60, few 65.00; Good and Choice 60-90 lbs. feeder lambs 60.00-66.50. Few Slaughter ewes 12.00-26.00.

GOATS 4. Few 20.00-38.00 — per head.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, Nov. 29
Report supplied by auction

FEEDER CATTLE TREND: $2 Lower. STEERS: M&L-1 200-300 lbs. 1 lot 69.00; 300-500 lbs. 60.50-65.00; 500-700 lbs. 51.50-58.00; 700-1000 lbs. 50.50-54.00; Holstein 300-1000 lbs. 35.00-42.00. S-L&M&L-2 300-500 lbs. 55.00-60.50; 500-700 lbs. 52.00-55.00.

FEEDER BULLS: M&L-1 300-500 lbs. Few 47.50-56.00; 500-700 lbs. Few 47.50-48.00; 700-800 lbs. Few 40.00-47.50. S-L&M&L-2 300-500 lbs. 45.00-50.00.

HEIFERS: Steady. M&L-1 300-500 lbs. 48.75-54.25; 500-700 lbs. 44.50-51.00. S-L&M&L-2 500-700 lbs. Few 44.00-44.50.

STOCK COWS: Beef: Per Pair M&L-1 380.00-460.00. Baby Calves: 25.00-97.00; Small 25.00-84.00; Large 84.00-97.00.

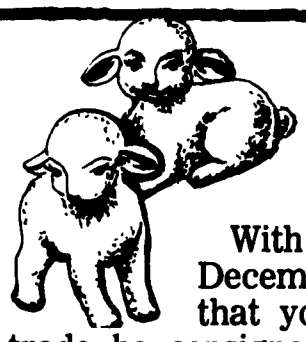
SLAUGHTER CATTLE TREND: Steers: Choice 2-4 1 at 56.75. Heifers: Good 1 at 49.00; Standard 38.00-43.00.

SLAUGHTER BULLS: 1&2 37.00-42.00.

LAMBS: Trend $1.50 higher. Blue 0 High Choice & Prime 61.25; Red O Choice 57.00; Feeder Lambs Choice 66.50-69.50; Slaughter Ewes 20.00-22.50.

HOGS: Few Home Slaughter 250-300 lbs. 48.00-54.00.

VEALS: Good 1 at 66.00.



LAMB CONSIGNORS
An Important Notice

With Christmas on Thursday, December 25, 1986, we recommend that your lambs for the Christmas trade be consigned on Monday, December 15, 1986. All lambs will be sold at auction beginning at 10:00 A.M. and will be sorted and weighed upon arrival.

KEEP IN MIND this Monday for consigning your lambs - December 15, 1986 - and your consignments are respectfully solicited. Sorting and weighing will begin at 5:00 A.M.

Walter M. Dunlap and Sons
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Consign your cattle and hogs, feeder pigs & calves to Louis Lyons & Son. They offer choice service, excellent sorting & marketing of your livestock.

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HATFIELD PACKING CO. and
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Will Receive Your
Hogs and Cattle at the
DANVILLE LIVESTOCK MARKET
RD 4, Danville, PA

- We will receive your hogs from 8 AM to 12 Noon every Monday. Your hogs will be weighed and paid for immediately.
- We will also accept your sows & boars
- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

FRIDAY, DECEMBER 19
ON THE FARM MONTHLY
BRED GILT SALE
1:00 P.M.
Sale To Start Promptly Every 4 Weeks

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, right. 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road, left. Watch for sale arrows.

50 to 60 Head
WHITE DIAMOND GILTS
Here Now a new cross again. Large White & Landrace, first generation true F-1 gilts. Parent stock originated from Lieske Bros. Minnesota. Very productive in litter size and feed conversion.

Vaccinated for Lepto, Erysipias, Rhinitis, E'Coli, Pasteuralla

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Local Truck Available
No Hogs Sold On Commission

JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa.
Abe Diffenbach, Auctioneer AU225L

NEXT SALE DATE JANUARY 16, 1:00 P.M

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LANCASTER COUNTY
Rte 272, P O Box 415, Brownstown, PA 17508
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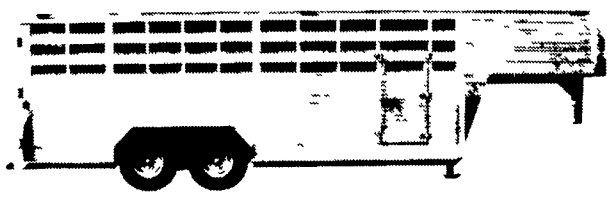
ALL ALUMINUM MINI "B" GOOSENECK TRAILER

BUILT WITH THE SAME PARTS AS THE BIG "CIRCLE B" TRAILERS.



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- Full Opening Rear End Gate with ½ Slide
- 7' Wide x 6'6" Inside Height
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VIRGINIA MARKETS

Livestock market and auction news

Virginia Cattle

Richmond, Virginia
Northern, Va.
Thurs., Nov. 27 to
Wed., Dec. 3, 1986
Report Supplied by VDA

Head Count: 7,270

Trend: Uneven from 2.00 lower to 2.00 higher.

STEERS: Medium 1 300-500 lbs. 57.00-69.00; 500-700 lbs. 55.00-65.40; 700-1000 lbs. 50.25-60.85. Large 1 300-500 lbs. 56.50-63.00; 500-700 lbs. 57.00-62.50; 700-1000 lbs. 50.50-61.00. Small 1 300-500 lbs. 50.00-60.50; 500-700 lbs. 49.00-56.50; 700-1000 lbs. 48.25-55.00.

HEIFERS: Medium 1 300-500 lbs. 47.00-55.00; 500-700 lbs. 44.00-55.00; 700-900 lbs. 48.50-52.75. Large 1 300-500 lbs. 50.00-58.00; 500-700 lbs. 50.50-54.00; 700-900 lbs. 52.00-75.00. Small 1 300-500 lbs. 43.00-52.00; 500-700 lbs. 42.50-50.00.

South & Southwest Va.

STEERS: Medium 1 300-500 lbs. 61.00-73.00; 500-700 lbs. 54.00-64.00; 700-900 lbs. 51.00-58.75. Large 1 300-500 lbs. 61.00-74.50; 500-700 lbs. 55.00-64.00; 700-900 lbs. 54.25-59.50. Small 1 300-500 lbs. 53.00-65.75; 500-700 lbs. 49.00-61.50; 700-900 lbs. 49.00-54.00.

HEIFERS: Medium 1 300-500 lbs. 51.00-60.00; 500-700 lbs. 47.50-54.25; 700-900 lbs. 46.50-53.75. Large 1 300-500 lbs. 52.00-59.00; 500-700 lbs. 50.00-55.40; 700-900 lbs. 48.50-53.00. Small 1 300-500 lbs. 47.00-55.00; 500-700 lbs. 45.00-51.00.

Westminster Livestock Auction

Hagerstown, Md.
Wednesday, Dec. 3
Report supplied by auction

SLAUGHTER COWS: Steady To 50 Cents Higher. Cows- High Yield None Offered; Utility 34.00-38.50; Canners 30.00-35.00; Shelly 30.00-Down. Bulls- Good Run. Good Mediumweights 43.00-46.25; Medium 37.00-42.00. Fed Steers- Few Offered. Good 52.00-55.00; Standard 38.00-43.00. Fed Heifers- Good 1,000-1,150 lbs. to 53.00. Veal Calves- Choice 220-320 lbs. 64.00-74.00; Killers 80-100 lb. 45.00-50.00; Weak/Rough 40.00-Down. Farm Calves- Holstein Bulls 100-125 lbs. 70.00-85.00; 90-95 lbs. 50.00-70.00. Holstein Heifers- 100-120 lbs. 50.00-53.00. Butcher Hogs- Light Run, No Top Weights. 1 lot 208 lbs. 51.75; 2 lots 270 lbs. 51.50. Sows- 500-600 lbs. 44.50-47.25; 400-500 lbs. 42.00-44.50. Boars- Heavy Boars to 39.00.

STOCK CATTLE 80 Head, Mainly Heifers. Steers- Good Demand. Few 300-500 lbs. 53.00-55.00; 500-700 lbs. 55.00-59.00; 850-950 lbs. 45.00-50.00. Heifers- 300-500 lbs. 38.00-42.00, Some to 45.00; 500-700 lbs. 36.00-43.50; 700-900 lbs. 33.00-43.50. Bulls- 300-500 lbs. 50.00-55.00; 500-700 lbs. 50.00-54.00; 1,000-1,100 lbs. 40.00-44.00. Lambs- 40 Head, Good Demand. 90-115 lbs. Choice 57.00-60.00; 60-85 lbs. Choice 54.00-58.00; 3 head 150-160 lbs. 49.00-51.00; Yrlg. Buck 175 lbs. 29.00. Sheep- 23.00-28.00. Goats- 23 Head. Few Large to 52.00; Medium 30.00-45.00; Small 30.00-Down. Pigs and Shoats- Light Run. By The Head- 20-30 lbs. 20.00-28.00; 1 lot 72 lbs. 35.00; 1 lot 100 lbs. 44.00. By The Lb- Stock Boars 200-340 lbs. 39.00-42.00.

Lebanon Valley Livestock

Fredericksburg, PA
Tuesday, Dec. 2, 1986
Report supplied by PDA

CATTLE 208: Compared with last Tuesday's market few low choice 1080-1300 lbs. slaughter steers 61.00-63.85, few Good 54.10-60.00, few Utility and Low Standard 39.00-43.50. Couple Choice slaughter heifers 56.25 & 57.50, few Godo 47.75-53.00, few Standard 38.00-44.25. Breaking Utility and Commercial slaughter cows 36.50-39.75, few Beef cross 45.25, Cutter and Boning Utility 34.00-37.75, Canner and Low Cutter 30.50-34.25, Shells down to 27.75. Yield grade No. 1 1050-1690 lbs. slaughter bulls 42.00-48.75, individual 1920 lbs. 49.25.

CALVES 230: Few choice vealers 70.00-84.00, few good 49.00-66.00, Standard and Good 70-105 lbs. 44.00-52.00, Utility 60-75 lbs. 30.00-42.00. Farm Calves: Holstein Bulls 90-130 lbs. 75.00-98.00, few Small frame down to 53.00, Holstein Heifers 90-120 lbs. 52.00-59.00.

HOGS 135: US No. 2-3 205-255 lbs. barrows and gilts 54.35-56.25. US No. 1-3 300-500 lbs. sows 45.25-48.25. Few Boars 41.00-42.50.

FEEDER PIGS 0. No market test.

SHEEP 12: Choice, individual 35 lbs. wool slaughter lamb at 75.00, Good 50-85 lbs. 42.00-51.00.

GOATS 0: No market test.

Green Dragon Livestock Sales

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1:00 P.M.-Dairy Sale.
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For Special Sales and Herd Dispersals on farm or at our barn or other market information call: Office 717-733-2444, Home 717-838-4318.

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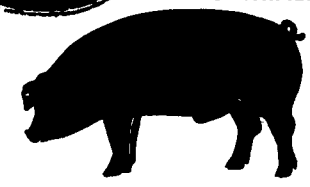

RECEIVING HOGS:
LANCASTER COUNTY FARMERS

MONDAYS: McCoy's Branch Office, Bareville
WEDNESDAYS: (Next to Bawells Butcher Shop)
& FRIDAYS: on Butler Rd. 717-656-9668
TUESDAYS: B & R Cattle
THURSDAYS: Marietta 717-426-3258

YORK COUNTY FARMERS

MONDAYS: Stewartstown 717-993-2564
TUESDAYS: Thomasville 717-792-2248 or 9836

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Lancaster Farming

OPINION

Not All Pessimism

With all the pessimism in Washington that comes out of a world wide outlook at agriculture, we found at least one speaker this week that was willing to look at a positive aspect of agriculture.

James Donald, chairperson for the World Agricultural Outlook Board, reported that livestock and poultry farmers were experiencing the second highest recorded yearly cash receipts. And with feed costs to remain at lower levels in 1987, these segments of agriculture can also be expected to have a good return for their products in 1987. Even for crop farmers, low inflation and steady to low production costs along with government payments will help to bolster net farm income in the coming year. In fact a five to 10 percent increase in cash income can be expected. That's good news. Especially when consumers will still see a good food supply at only a small increase in cost.

"World consumption of food is increasing, and we should see a slight increase in the U.S. share of the world market," Donald said. "Not too long ago we were also able to report that consumption of milk had increased to where the excesses were being depleted."

One farmer who asked not to be identified dropped a little note in his subscription renewal to Lancaster Farming. "I know you get a lot of negative information in there," he said. "But some of us out here are still making money at farming."

Thank you. We appreciate that. It's good to hear some rebutal to all the pessimism we heard in Washington.

FARM FORUM
OUR READERS WRITE

Editor's Note: Leaders of three Pennsylvania farm organizations joined with the state Secretary of Agriculture today to voice their support for the Regional Cooperative Marketing Agency, Inc., in the following letter.

Dear Editor:

For more than two years, dairymen have been saying "We need less government involvement and more money in our milk checks." Since June, Pennsylvania's three general farm organizations have been talking about how to do just that.

Over-order pricing is the best way to put more money in dairymen's pockets. This is not a new concept. It's been going on in markets to the west and south of us for many years. But it won't happen just by our talking about it. Over-order pricing will happen only when enough dairymen join together to make it happen. For that, we need an organization which is legal under the Capper-Volstead Act, and allows farmers to join together to bargain for a price for our commodities.

RCMA, the Regional Cooperative Marketing Agency, Inc. can do that for dairymen. RCMA is set up to work in all nine northeastern states. It allows for membership by groups of farmers through their co-op memberships, and by individual farmers through individual memberships. All dairymen are given equal representation in decisions of policy and operation.

RCMA presently has membership representing more than 85 percent of all dairymen in the Northeastern region. Over 40 cooperatives and many independent producers have already signed up for RCMA, from Pennsylvania north through New England. But before RCMA can function and seek over-order prices, 90 to 95 percent of the milk in the nine northeastern states must be signed up in support of its efforts. That means we have to enlist the support and sign up most of the independent producers in Pennsylvania.

With 95 percent of the milk in the northeast committed to over-order premiums for class one milk, RCMA can go to all milk handlers and seek these prices for fluid milk only. All handlers will be treated equally and all participating producers will share equally in any over-order premium that is collected.

RCMA is supported by all of the major cooperatives in the northeast, all of the farm organizations in the northeast, and all the Departments of Agriculture in the nine state area.

Over-order pricing is not a state Department of Agriculture program, nor a Federal Order program. It is a **farmer** program, and will only happen if farmers make it happen.

The class one price for January will be established by the November M-W. This will be the highest price we see for the next six months. If we could retain that **even without** over-order premiums, dairymen would be better off. But none of this will happen without a united effort on the part of independent producers.

Dairymen should remember our market is a deficit market. Fifteen percent of our commercial needs are met by production from outside our production area. But our prices for class one milk are based on a butter-powder-cheese market. Why should we be willing to sit idly by and let that kind of formula determine the value of our class one milk? Why shouldn't the demand in the market determine the price of our fluid milk?

In 1985, there was a drop of $1.64 per hundredweight in the class one price while market demands stayed relatively stable. If dairymen hope to change this, they will have to do it by controlling the milk supply, just like dairymen in 35 other markets do today.

More information on RCMA is available by calling the following numbers: 717-278-1259, 717-833-5776, 814-364-1349, 215-693-5601, 717-739-4187, 717-524-7625, 814-326-4308, or any PDA regional office.

Sincerely,
Keith Eckel,
President Pennsylvania Farmers Association
Charles Wismer,
Master Pennsylvania State Grange
David S. Stetler,
President Pennsylvania Farmers Union
Richard E. Grubb,
Pennsylvania Secretary of Agriculture

NOW IS THE TIME

By Jay Irwin
Lancaster County Agriculture Agent

To Exercise Breeding Animals

Many farm animals are kept in close quarters during the winter months. This is fine for animals being fattened for market, but may not be suitable for breeding animals. A flock of breeding ewes should have access to an exercise lot daily; there will be less trouble with paralysis in the ewe flock and stronger lambs born if ewes are exercised daily.

When the ground becomes frozen, or snow-covered, some shepherds will feed hay on the ground out in the exercise lot in order to force the ewes to exercise. Dairy cows need outside exercise to maintain good feet and legs, and to provide opportunity for heat detection. Brood mares need the same daily exercise if they are to remain in the best of health.

To Obtain Farmer's Tax Guide

We don't like to talk about taxes but it's a way of life. Copies of the Farmer's Tax Guide, for use in preparing your 1986 returns, are now available at the Extension Office. The guide is extremeley valuable when preparing your return. I realize that many farmers rely on an accountant or tax practitioner to file their return, so be sure to pick up a copy and give it to them. There are a number of changes in the tax regulations. It would be well to study them, so your records are accurate when you review your accounts with your preparer.

A few important tax dates for farmers. You may elect to pay your 1986 estimated income tax with Form 1040-ES by January 15, 1987. You can then file your 1986 federal income tax return, Form 1040, by April 15. If you do not pay with Form 1040-ES at this time, your return will be due March 2, 1987.

To Practice Holiday Safety

This is not a new idea but one that bears repeating. With the holiday season approaching, there are many extra decorations and events that can present fire hazards. We urge every parent to discuss the need of safety measures that will prevent serious fires and possible human injury.

Too many people are careless with evergreen decorations and Christmas trees. Candles, fireplaces and overloading our electrical lines are all possible fire hazards when not carefully handled. We urge everyone to make an effort to be careful with holiday decorations, and certainly don't take chances. If an item is a fire hazard, you should remove it.

To Properly Store Firewood

We are more energy conscious then we've ever been...and that is certainly a good trend. Many homes are equipped with a fireplace or wood stove. This means the use of more firewood. Proper storage is important.

When storing your firewood, keep it outside since many insects may hibernate in the wood piles. If you keep it inside, they'll think it's spring and wake up to become a pest in your home. If this happens, use an ant and roach aerosol for control. It's a lot easier just to keep the firewood in a cold garage or some outside shelter. The important thing is to keep it as dry as possible, even if it means covering it with a plastic tarp. Keep in mind that wet firewood takes a lot of heat just to dry it out.

The Cooperative Extension Service is an affirmative action equal opportunity educational institution

Farm Calendar

Saturday, December 6

Southeast Regional 4-H Leaders Forum, Montgomery County 4-H Center.

Monday, December 8

Tax Week at Penn State, J.O. Keller Conference Center, Penn State University main campus; continues through Dec. 11.

Chester County Cooperative Extension annual meeting, Southeast Farm Credit office, Avondale, 7:15 p.m.

Dairy Farms of Distinction meeting.

Fourth Annual Cooperative Directors School, Pa. Association of Farmer Co-ops, Penn State University; call 814-863-0655.

(Turn to Page A31)

THE BIBLE SPEAKS
BY LAWRENCE W. ALTHOUSE

Background Scripture: Acts 2; 4: 32:35.

Devotional Reading: Acts 5:33-42.

It might seem inappropriate to you, but when I read the passages from Acts 2 and 4 about the earliest days of the Church, I found myself remember a popular seasonal song that Perry Como used to sing, "It's Beginning to Look a Lot Like Christmas."

I'll admit that these passages are rarely, if ever, associated with Christmas. But, if you look at them carefully, I think you'll find that there's quite a bit of the Christmas spirit reflected in them.

BEGINNING AGAIN

When Simon Peter completed his Pentecost sermon, his listeners were "cut to the heart" and wanted to know "Brethren, what shall we do?" Simon Peter's reply was no less direct than the question: "Repent, and be baptized every one of you in the name of Jesus Christ for the forgiveness of your sins..." (2:38a). His listeners had realized, through Peter's preaching, that they needed to, in effect, make a new beginning in their lives, to be "born again" in the words of John's Gospel, and Peter was telling them how to do it.

Doesn't that sound a lot like Christmas, the feast of the Incarnation, when we celebrate, not only the Word becoming Flesh in the birth of Jesus of Nazareth, but the Good News that our own lives can be reborn through him? Christmas is a time when, looking at the mess we've made of our lives and our world, we are assured that we can really begin again.

Peter also says to his congregation, "...and you shall receive the gift of the Holy Spirit" (2:38b). And that sounds a lot like Christmas, too. On the first Christmas, God gave his children the best gift he could possibly give us: His Son. And when Jesus finished his ministry on earth, his diciples found that God's Christmas gift to the world was even more valuable than they had realized: Jesus was physically gone from them, but now he would be present in them in a way that would prove even better.

Best of all, this gift was to be, not just for the chosen few, but for everyone who would receive it: "For the promise is to you and to your children and to all that are far off..." (2:39). Christmas is a time when many of us realize, all too briefly, that our family circles are not wide enough. Christmas has a way of helping us expand our vision from the confinements of our own lives and homes in an awareness that God's children are everywhere on this planet — and maybe beyond.

AS ANY HAD NEED

But the part that more than any other sounds a lot like Christmas to me is the description of what happens afterwards: "And all who believed were together and had all things in common; and they sold their possessions and goods and distributed them to all, as any had need..." (2:44,45). Once a year, for a few brief hours or days, just because it's Christmas, we rise above the levels that limit our daily lives and do extraordinary things: we contact forgotten friends, we give gifts (even, sometimes, to people from whom we don't expect to receive something in return), we feed the needy, we forgive and forget, and reach out in good will far beyond our parochial backyards. For a brief moment, we act in ways that prove that it is possible for us to be the Church that God in Christ intended us to be.

(Based on copyrighted Outlines produced by the Committee on the Uniform Series and used by permission Released by Community & Suburban Press)

YA KNOW OTIS, IN THE LATE 1940'S A BUSHEL OF CORN WOULD BRING IN ABOUT THE SAME AMOUNT OF MONEY AS IT DOES TODAY...
BUT YOU COULD BUY A CAR FOR ABOUT SIX HUNDRED BUSHELS BACK THEN
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So the next time you need a loan, look up the family member who isn't in the photographs you see here.

But who's always been in the background.

FARM CREDIT. A Bank Of Local Farmers.SM

Livestock market and auction news

St. Louis Cattle

Wednesday, Dec. 4
Report supplied by USDA

Receipts This Week	4,500
Week Ago	1,900
Year Ago	4,700

Compared to last week's close, slaughter steers firm to .50 higher. Slaughter heifers fully steady. Cows fully 2.00 higher. Bulls steady. Slaughter supply mainly choice steers and heifers, around 5% cows.

SLAUGHTER STEERS: Mixed choice and prime 2-4, mostly 2-3 1100-1350 lbs. 62.00-63.00, mostly 62.50-63.00. Part load 2-3 1250 lbs. 63.50, choice 2-4 975-1350 lbs. 61.00-62.50. Mixed good and choice 2-3 900-1275 lbs. 59.50-61.50. Good 2-3 900-1250 lbs. 57.50-59.50. Standard to Good 2-3 1050-1500 lb. holsteins 49.00-53.75.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4, mostly 2-3, 900-1150 lbs. 60.50-61.00, part load 1.50. Part load and package 2-3 950-1050 lbs. 62.00. Choice 2-4, 900-1150 lbs. 59.50-60.50. Mixed good and choice 2-3 900-1075 lbs. 57.50-59.50. Good 2-3 900-1050 lbs. 55.50-57.50; 750-900 lbs. 52.50-55.50.

COWS: Breaking utility and commercial 2-4, 34.00-36.00. Cutter and boning utility 1-2 36.00-37.00. High-yielding cutter and boning utility 1-2 37.00, few up to 38.00. Canner and low cutter 1-2 33.00-35.00. Shelly canner 1-2 29.00-33.00 (Closing Week Sales).

BULLS: YG 1-2 1075-2000 lbs. 40.00-43.00. Individual YG 1 45.00.

Wednesday's Weekly Sheep Auction. Receipts around 350 head. Slaughter lambs 3.00-4.00 higher. Slaughter ewes steady. Feeder lambs steady compared with last week.

SLAUGHTER LAMBS: Choice and prime wooled 95-120 lbs. 71.00-74.00 mostly choice 90-110 lbs. 68.50-72.00. Choice and prime 125-140 lbs. 60.00-66.00.

SLAUGHTER EWES: Few cull to low utility 16.00-23.00.

FEEDER LAMBS: Choice and fancy 70-95 lbs. 65.00-71.50, mostly 65.00-66.00.

Farmers Livestock Auction

Duncansville, Pa.
Dec. 1, 1986
Report supplied by auction

CATTLE 226. STEERS: H. Choice & Prime 60.50-62.75; Choice 59.00-60.25; Good 53.00-57.50; Standard 39.75-44.75.

HEIFERS: Choice None; Good 45.00-52.50.

COWS: Utility & Commercial 39.00-41.75; Cutters 36.00-39.00; Canner & Low Cutter 28.50-35.75.

BULLOCKS: Good & Choice 44.50-50.25.

BULLS: Yield Grade No. 1 41.00-45.75.

FEEDER CATTLE: Steers Good 54.00-61.00; Standard 37.00-48.50; Bulls Good 50.00-56.00; Standard 35.00-46.00; Heifers Good 45.00-52.00; Standard 32.00-44.00.

CALVES 330. Prime None; Choice 72.50-79.00; Good 60.00-68.50; Standard & Good 52.00-57.50; 90-110 lbs. 50.00-58.50; 65-90 lbs. 38.00-52.50; Holstein Bulls 90-130 lbs. 72.50-112.00; Holstein Heifers 90-130 lbs. 55.00-67.00.

HOGS 92. US No. 1-2 210-255 lbs. 54.00-55.25; US No. 1-3 210-265 lbs. 51.00-53.75.

SOWS: US No. 1-3 44.50-47.50; Boars 40.00-42.50.

FEEDER PIGS 19. US No. 1-3 20-35 lbs. 28.50-35.50 per head; No. 1-3 35-50 lbs. 36.00-40.00.

SHEEP 3. Slaughter lambs Choice None; Good 100-130 lbs. 58.00-61.50; Sl. Ewes None.

GOATS 1. 25.00.

3 Loads of Hay 100.00-117.00 per ton.

Peoria Cattle

Thursday, Dec. 4, 1986
Report Supplied by USDA

Compared with last weeks close slaughter steers and heifers opened steady, but closed mostly 1.00 to 2.00 lower as live prices followed the midweek decline in carcass prices. Slaughter cows closed generally steady to firm. Bulls 1.00 to 2.00 lower. Supply mainly good to average choice slaughter steers and heifers with 16% cows. Receipts this week about 2100 as compared with actual receipts of 1816 a week ago and 1936 a year ago.

SLAUGHTER STEERS: Choice 2-4, mostly 3 1050-1250 lbs. 61.00-63.00, couple part loads Monday 63.50-64.00; 975-1050 lbs. 59.00-62.50. Mixed good and choice 2-3 1000-1200 lbs. 57.00-61.50. Good 2-3 900-1100 lbs. 57.00-59.50. Load and package good and choice 2-3 holsteins 1170-1200 lbs. 53.00-53.50.

SLAUGHTER HEIFERS: Choice 2-4, mostly 3 950-1150 lbs. 59.00-62.00, part load and package Monday 1125-1275 lbs. 62.50-63.00; 875-950 lbs. 57.50-61.50. Mixed good and choice 2-3 900-1100 lbs. 58.50-60.00. Good 2-3 800-1000 lbs. 56.00-59.00.

COWS: Breaking utility and commercial 2-3 32.00-36.00. Cutter and boning utility 1-2 30.00-35.00. Canner and low cutter 28.00-32.00, thin cows 26.00-28.00.

BULLS: YG 1 1150-2430 lbs. 40.00-44.00; YG 2 38.00-42.00.

New Holland Sales Stables

New Holland Dairy
Wednesday, Dec. 3, 1986
Report supplied by auction

Reported receipts of 84 cows, 118 heifers and 6 bulls. Market stronger.

Load of Canada fresh cows, 870.00-1085.00, springers 875.00-1000.00.

Load of Perry Co. fresh cows, 660.00-1135.00.

Load of PA fresh cows, 1100.00-1110.00.

Load of PA springers, 950.00-1050.00.

2 Loads of PA fresh cows, 730-1200.

Load of PA fresh cows, 700-900.

Load of PA fresh cows, 725-900.

Locally consigned cows 410.00-830.00.

Local Springing heifers 550.00-860.00, purebreds 750-1000.

Open heifers 275.00-470.00.

Bulls 410.00-780.00.

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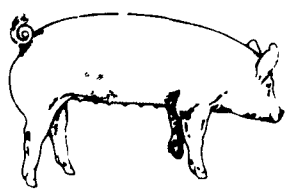

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Livestock market and auction news

Weekly Summary

Harrisburg, PA
Friday, Dec. 5
Report supplied by PDA
13 Livestock Markets

CATTLE: 5446. Compared with 4366 head last week and 6192 head a year ago. Steers unevenly steady; heifers and bulls mostly steady; cows steady to 1.25 higher; Few High Choice & Prime steers 66.00-70.00; Choice 60.00-66.00; Good 52.50-60.00; Standard 43.00-51.00; Choice heifers 54.50-61.00; Good 47.50-55.50; few Standard 42.00-46.50; Breaking Utility & Commercial cows 36.50-40.50; Cutter & Boning 34.00-39.00; Canner & Cutter 29.00-35.75; shells 23.00; few Choice bollocks 50.50-55.25; Good 44.00-51.00; YG No. 1, 1200-2300 lb. bulls 42.50-51.50; few No. 2, 800-1400 lb. 39.00-45.00.

FEEDER CATTLE: Large & Med. No. 1 steers 375-900 lb. 46.00-54.00; Large & Med. No. 1 heifers 350-750 lb. 39.00-48.00.

CALVES: 3886. Compared with 3002 head last week and 4232 head a year ago. Mostly steady; few High Choice & Prime 94.00-108.00; Choice 72.00-90.00; Good 55.00-80.00; 90-110 lb. 42.00-53.00; 70-90 lb. 25.00-46.00; Utility 50-100 lb. 15.00-35.00.

FARM CALVES: Hol. bulls 90-130 lb. 70.00-99.00; few heifers 90-125 lb. 52.00-62.00.

HOGS: 3772. Compared with 4439 head last week and 4719 head a year ago. Steady to weak; No. 1-2, 210-250 lb. 53.75-56.75; No. 1-3, 200-260 lb. 52.00-54.75; No. 2-3, 210-270 lb. 51.00-53.00; few No. 2-4, 240-290 lb. 46.50-51.00; sows 1.00-2.00 lower; 300-700 lb. 40.00-48.50; boars 39.00-44.00.

FEEDER PIGS: 735. Compared with 1125 head last week and 699 head a year ago. Steady to strong; 20-35 lb. 23.00-40.00; 35-55 lb. 38.00-61.50; per head.

2 GRADED FEEDER PIG SALES: 1082. Compared with 2268 head last week and 1353 head a year ago. 10.00-30.00 lower; 20-25 lb. 164.00-180.00; 30-40 lb. 100.00-126.00, few 144.00; 40-50 lb. 91.00-104.00; 50-60 lb. 89.00-100.00; 60-65 lb. 80.00-95.00; No. 2-3, 45-60 lb. 77.00-81.00; 80-90 lb. 66.00-70.00; all per hundredweight.

SHEEP: 614. Compared with 1232 head last week and 824 head a year ago. Steady to weak; High Choice & Prime 80-120 lb. 65.00-73.00; Choice 70-110 lb. 54.50; Good & Choice 60-90 lb. feeder lambs 60.00-66.50; sl. ewes 11.50-35.00.

Omaha Weekly

Thursday, Dec. 4
Report Supplied by USDA

Slaughter steers and heifers closed 50-1.00 lower this week in the face of lower boxed beef prices, and lower prices on carcass beef as well as lower prices at direct trading points in Nebraska and Iowa. Slaughter cows 1.00-2.00 higher to a good late week demand. Slaughter bulls steady to 1.00 higher.

Estimated 5 day receipts this week 7,200 compared to 4 day actuals for holiday shortened week last week or 5,005 and 5 day actuals last week of 6,663. Slaughter steers accounted for 35 percent of receipts this week, slaughter heifers 33 percent, slaughter cows 8 percent and feeder cattle 22 percent.

SLAUGHTER STEERS: Closing sales choice 2-4 1075-1300 lbs. 62.00-63.50; Mixed good and choice 2-3 1050-1200 lbs. 60.50-62.00; good 58.50-60.50; few mostly choice 2-3 1250-1400 lb. holsteins 54.00-56.00.

SLAUGHTER HEIFERS: Closing sales choice 2-4 975-1125 lbs. 61.00-62.50, small package 63.00; Mixed good and choice 2-3 925-1050 lbs. 59.50-61.00; Good 57.50-60.00.

Average of Ls 214 detailed price quotations for choice 900-1100 lb. steers this week 62.00, 1100-1300 lbs. 63.25. Average cost of all slaughter steers this week 62.40, average weight 1181 lbs. Compared to 62.16 and 1181 lbs. last week. Average cost of all slaughter heifers this week 61.87, average weight 1065 lbs. compared to 61.15 and 1059 lbs. last week.

SLAUGHTER COWS: Breaking utility and commercial 2-3 35.50-37.75. Cutter and boning utility 1-3 34.00-38.25, high dressing individuals to 39.00. Low to average cutter, few canner 31.00-35.00.

SLAUGHTER BULLS: 1-2 1700-2100 lbs. 44.00-46.25, low dressing 1150-1350 lbs. 40.00-43.25.

Westminster Livestock Auction

State Graded
Feeder Pig Sale
Friday, Nov. 28, 1986

1,683 Pigs: Last month 1,289 - Bidding active from a large ground. Compared to October's sale, prices were fully 10.00-20.00 higher. 30-40 lb. as much as 30.00 higher. All pigs weighed on arrival and sold by the pound.

1&2: 63 hds. 26-29 lbs. 113.00-141.00; 156 hds. 31-35 lbs. 141.00-157.00; 39 hds. 31-39 lbs. 113.00-130.00; 232 hds. 40-49 lbs. 130.00-145.00; 133 hds. 42-49 lbs. 115.00-129.00; 151 hds. 52-56 lbs. 120.00-122.00; 170 hds. 50-59 lbs. 101.00-117.00; 23 hds. 63 lbs. 112.00; 276 hds 61-68 lbs. 97.00-109.00; 88 hds. 73-79 lbs. 85.00-94.00; 119 hds 81-91 lbs. 75.00-87.00.

1: 23 hds. 88 lbs. 89.00.

2: 66 hds. 32-38 lbs. 101.00-132.00; 101 hds. 43-56 lbs. 93.00-114.00; 13 hds. 60 lbs. 92.00.

Utility & Culls 16 hds. 40-62 lbs. 40.00-65.00.

NEXT SALE DECEMBER 26th-1:30 P.M.

Keister's Livestock

Middleburg, Pa.
Tuesday, Dec. 2, 1986
Report supplied by Auction

CATTLE 328. Compared with last week's market; Choice slaughter steers 62.50-65.35, Good 58.00-62.00, Standard 52.00-58.00, Utility 50.00-52.00. Choice slaughter heifers 56.75-60.25, Good 52.00-56.50, Standard 48.00-52.00, Utility 45.00-48.00. Breaking Utility and Commercial slaughter cows 36.00-40.75. Cutter and Boning Utility 36.00-40.25, Canner and low Cutter 31.00-36.00, Shells down to 28.00. Choice slaughter bullocks 53.75-54.75, Good 50.00-53.75. Yield grade No. 1 1200-2475 lbs. slaughter bulls 46.00-47.75, No. 2, 800-1200 lbs. 44.00-46.00.

CALVES 175: Prime vealers 91.00-100.00, Choice 75.00-90.00, Good 60.00-75.00, Standard and Good 90-110 lbs. 55.00-60.00, 60-90 lbs. 40.00-55.00.

HOGSL 101: US No. 1, 220-240 lbs. barrows and gilts 56.00-57.25, 1-2 215-240 lbs. 55.00-56.00, 2-3 200-250 lbs. 53.50-55.00; 2-4 190-270 lbs. 51.00-53.50. US No. 1-3 350-770 lbs. sows 45.00-48.00, 2-3 300-600 lbs. 43.50-45.00. Boars 41.50-43.75.

FEEDER PIGS 256: US No. 1-3 25-35 lbs. feeder pigs 33.00-42.00, 35-50 lbs. 42.00-61.50 — all per head.

SHEEP 0: No market test.

GOATS 0: No market test.

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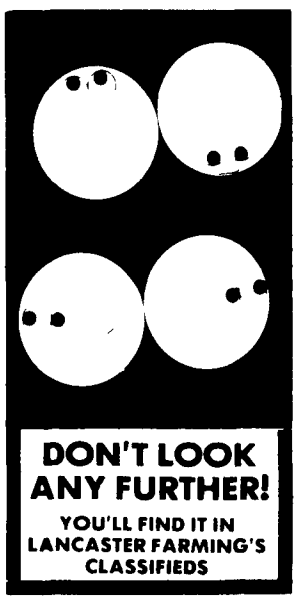

SECOND ANNUAL FARMLAND PRESERVATION BENEFIT

BREAKFAST

$4.00 per adult

Children (ages 3-9) **$2.00**

SUNDAY, DECEMBER 14th, 1986
8 a.m. - 1 p.m.

Pancakes, Scrambled Eggs, French Toast, Sausage, Home Fried Potatoes, Danish, Muffins, Juice, Milk, Hot Coffee or Tea, Fresh Fruit, Apple Butter, Butter and Jelly.

The Family Style Restaurant

ROUTE 30
4½ MILES EAST OF LANCASTER PA
Just east of Dutch Wonderland
A SKIADAS BROTHERS ENTERPRISE
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Livestock market and auction news

Frederick Livestock

Monday, Dec. 1, 1986

BUTCHER COWS: Steady to $.50 lower. Good 36.00-37.00; Standard & Utility 32.00-35.50; Canners 28.00-32.00; Shelly 30.00-Down.

BULLS: Steady. Good 41.00-43.00; Medium 37.00-40.00.

STEERS: Standard 42.00-44.00.

HEIFERS: Good 42.00-45.25; Medium 37.00-41.00.

BUTCHER HOGS: $1.50 Higher. 240-260 lbs. 53.75-54.00; 360-400 lbs. 46.00-49.00.

SOWS: 450-550 lbs. 45.00-47.00.

VEAL CALVES: Mostly Steady Prices. Good 60.00-69.00; Standard 55.00-59.00; Stocky & Thin 50.00-54.00; Light Calves 45.00-51.00; Weak & Rough 44.00-Down.

CALVES RETURNING TO FARM: Bulls $5 higher.

HOLSTEIN HEIFERS: 90-120 lbs. 52.00-55.00.

HOLSTEIN BULLS: 85-95 lbs. 60.00-70.00; 100-115 lbs. 75.00-86.00.

LAMBS: 1 Lot Med. to Good at 58.00.

STOCK CATTLE: Good Run- $2 Higher. Steers- Choice 57.00-64.00; Good 51.00-56.00; Medium 45.00-50.00. Heifers Choice 47.00-56.00; Good 41.00-46.00; Medium 36.00-40.00. Bulls- Choice 50.00-51.50; Good 45.00-49.00; Medium 40.00-44.00.

SPRINGING HEIFERS: Large 750.00-785.00; Small 350.00-550.00.

PIGS & SHOATS: Steady Prices. By The Head 20-30 lbs. 16.00-30.00; 35-60 lbs. 31.00-50.00. By The Lb. Stock Boars 175-315 lbs. 36.00-40.50.

Four States Livestock

Hagerstown, Md.
Wednesday, Dec. 3
Report supplied by Auction

SLAUGHTER: Fed Steers- Good Run $3 Higher. Choice 60.00-65.00; Good 54.00-59.00; Medium 48.00-53.00. Heifers- Choice 51.00-53.00; Good 45.00-50.00; Medium 40.00-44.00. Cows- Large Run $1 Higher. High Yield 37.00-40.00; Average 33.00-36.00; Big Middle 28.00-32.00; Fatty Herf. 28.00-33.00; Shelly 30.00-Down. Fat Bulls- $1 Higher. Good 45.50-48.50; Medium 41.00-45.00. Veal Calves- Mostly Steady. Choice & Good 63.00-68.00; Medium 55.00-62.00; Farm Bulls- 75.00-86.00; Light Calves- 44.00-51.00; Weak Calves- 43.00-Down. Lambs- Choice & good 58.00-60.00; Medium and Feeder 60.00-63.00.

STOCKER: Steers- 300-550 lbs. Choice 57.00-60.50; Good 52.00-56.00; Medium 46.00-51.00; Culls 45.00-Down. Steers- 600-850 lbs. Choice 55.00-58.00; Good 50.00-54.00; Medium 45.00-49.00. Heifers- (All Weights)- Choice 47.00-49.50; Good 42.00-46.00; Medium 37.00-41.00. Pigs, Hd.- Steady Prices. 25-35 lbs. 27.00-35.00; 40-60 lbs. 36.00-46.00; Shoats By Lb. 125-165 lbs. 47.00-49.00; Slaughter Hogs- Few Offered. 275-365 lbs. 47.00-50.50; Sows- No Heavyweights Offered. 350-450 lbs. 43.00-45.50; 300-350 lbs. 38.00-42.00; Heavy Boars- 400-800 lbs. 36.75-39.75.

Beginning Dec. 10 We Will Be Holding Hay Auctions Every Wednesday At 11 A.M. At Four States.

Oklahoma Cattle

Wednesday, Dec. 3
Report supplied by USDA

Cattle & Calves: Estimate: 600; Actual Auction Sales: 590 head; Same Day Last Week: 82.

Limited supply Feeder steers & heifers steady with this week's advance. Few slaughter cows steady. Bulls scarce. Cows & bulls comprised 12% of supply, balance feeder cattle.

FEEDER STEERS: Medium & Large Frame 1, pkg 425 lb. 75.00; 500-600 lb. 64.50-69.60; 600-700 lbs. 63.25-64.10; pkg. 750 lb. 63.80; pkg. 835 lb. 61.60; pkg. 975 lb. 55.10. Medium and Large Frame Mixed 1-2, pkg. 360 lb. 68.00; 400-500 lb. 66.50-69.50; 500-600 lb. 60.60-65.70; 650-725 lb. 61.25-63.70. Small & mixed small & medium frame 1, 400-500 lb. 64.00-67.25. Large frame 2 holsteins 575 lb. 51.30.

FEEDER HEIFERS: Medium & large frame 1, 350-400 lb. 62.00-65.00; 400-500 lb. 60.20-63.60; 500-515 lb. 59.00; pkg. 865 lb. 50.90. Medium & large frame mixed 1-2, 270-290 lb. 60.00-69.00; 390-395 lb. 60.50-65.00; 450-500 lb. 57.75-59.70; 550-600 lb. 56.90-57.50.

SLAUGHTER COWS: Breaking utility & commercial 2-4 36.75-37.60. Boning utility 1-2 35.50-36.60, over filled 33.75-33.90. Few cutter 1-2 33.25-36.00. Canner & Low dressing cutter 30.80-34.10.

SLAUGHTER BULLS: None.

REPLACEMENT OF FEEDER COWS: Small thru large frame 1-2 young 37.50-38.10; middle aged 36.50-37.75; aged 28.10-33.25.

FOR THE WEEK: Feeder steer & heifer calves under 600 lb. 1.00-3.00 higher; over 600 lb. feeders steady to 1.00 higher. Slaughter Cows .50-2.50 higher, mostly .50-1.50 higher with greatest advance on utility. Slaughter bulls 2.00-3.00 higher.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, Dec. 1, 1986
Report supplied by auction

Registered receipts of 242 head of horses, mules and ponies.

Market: steady.

Local

Driving Horses 225.00-900.00.

Riding Horses 150.00-500.00.

Lightweight Killers 125.00-200.00.

Heavyweight Killers 250.00-365.00.

Mare Ponies 25.00-60.00.

Colts 10.00-20.00.

Experienced John Deere Mechanics wanted for growing John Deere Utility and Light Industrial Equipment Dealer. JD Ag experience OK, should have completed J.D.F.O.S. Program.

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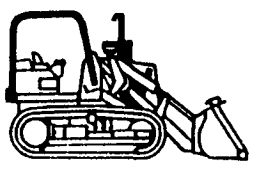
All replies held in confidence.



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Bend your knees to pick up a heavy object, then straighten your legs. When your legs are doing the work your groin and back are protected.

What if you already have a hernia? In most cases, a hernia can be repaired in one day. This outpatient surgery is done by the Canadian or Shouldice method.

To find out more about hernia repair, call 397-5104 for a brochure or an appointment.

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JD 4020 Power Shift Cab	$6,950
(1) White 2-105 w/Roll Guard	Make Offer
MF 50 Gas (recently overhauled)	$3,250
MH 22 w/3 pt. and 2 row cultivator	$1,650
MF 135D Tractor w/Loader	$4,450
4020, Syncro New Rear End	$8,450
4620, PS, cab, overhauled	$9,750
JD 3020 side console, gas	$5,850
JD 4010 Diesel	$3,950
JD 2040 Dsl. Tractor w/145 Loader	
JD 2440 Tractor	$8,950

COMBINES & PICKERS:

JD 454, 4 Row Bean and Sunflower Head	$2,650
Gleaner M combine, 2 heads, nice	$11,700
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.	
6600 hydro, rotary screen, diesel, heater & air, chopper, US feeder house, monitor, adjustable rear axle, bin extension.	
6600 gear, rotary screen, diesel, monitor, heater & air, US feeder house, bin extension.	
4400 Diesel, rotary screen, heater, monitor, US feeder house, bin extension, chopper.	
NI 324 2 Row Wide 12 Row 327 bed	$3,950
NI 818 combine 4R narrow head & 13' flex head. Sharp	
NI 2 row narrow, pull type picker	$3,950
(1) #343 3 Row 30"	
(1) #443 Corn Heads	
#244 Corn Head	
#244 Corn Head	
13' Grain Table	
(2) #444 Corn Heads	
13' & 15' Flex Heads, Black Reel	
JD 300 husker w/2 row	$6,850
NI 2 row narrow w/sheller, A1	$3,950
JD 216 Flex Black Reel	
JD 444 Corn Head	
JD 343 Corn Head w/Harvester Adaptor.	$3,950
JD 243 Corn Head w/Harvester Adaptor.	$2,675

PLANTERS & GRAIN DRILLS:

JD 20x6 Model B Plain Grain with Grass D.D.

JD 8 Row 7000 30" Planter

GRAIN DRYERS:

New Farm Fans AB8 Auto-Batch Dryer. MUST MOVE. CALL FOR PRICE....
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Coming in . . .

JD 145 Loader
JD 450 Crawler Loader
Hudson 14' Tandem Axle Trailer
Brillion 10' Packer (Big Shaft)
IH #1C 15 Hole Drill, sharp
JD 16A Chopper, sharp
JD 148 Loader for a 2640 or 2840 Tractor
JD 2630 Tractor w/Cab

TILLAGE:

JD 1010 Flat Fold Field Cultivator 18'	$3,650
JD BWF 14' Flex Disc	$2,350
JD 1450 5x16 Plow	$1,950
JD F845 Roll Over Plow (New)	$2,850
JD TWA 12' Plowing Disc	$2,950
JD 3-14 F125 Plow	$475
JD 7B 2500 Plow	$3,650
JD 28x20 KBA Transport Disc	
JD 3-16 F620 Trailer Plow, nice	
JD 4-16" F350 Auto Reset Plow	$1,550

MISCELLANEOUS:

NI PTO 2 Beater Spreader, Model 214	$750
18.4x38 Direct Axle Dual Wheels	
14.9x38 Direct Axle Dual Wheels	
14.9x26 T-rail duals	
NH 679 tandem axle spreader, hyd. endgate	$3,850
NH #90 Bale Mover	
NI 214 Spreader w/End Gate	$1,850
Best Land Rock Picker	$1,850
9 Tooth Folding Anhydrous Bar	$1,250
Owatonna stack wagon, model #540	$3,450
Cattle Feeder Wagon	$750.00
JD 18 4x38 Direct Axle Duals	$1,250

HARVESTERS & FORAGE EQUIPMENT:

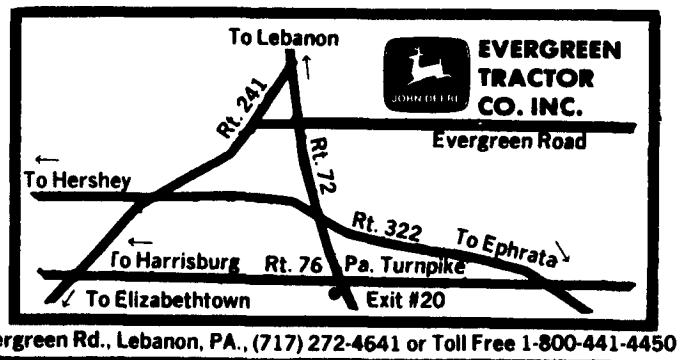
NH Super 717 Harvester	$2,450
NH P U Attachment	$575
JD 35 Harvester, 2 row narrow & pickup, sharp	$3,550
JD 15 Chopper	$450

HAY MACHINES:

Hesston Hydro-Swing Mower Conditioner	$2,750
Hesston PT10 Mower Cond	$2,350
NH 850 Round Baler	$3,850
JD #336 Baler w/#30 ejector	
Hesston PT 10 Mower Conditioner	$950
15' Hyd Fold Bat Wing Mower	$2,150
MC 9' Rotary Scythe	$1,450

SPECIAL
NEW 16' 3 BEATER
ARTSWAY FORAGE WAGONS
$3,450.00 each

4 R Only! **SPECIAL** 4 R Only!
New JD Weather Shields
For 2840 Tractors
Part # AR86081
List $317 **SPECIAL $140.**



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

Livestock market

St. Louis Cattle

December 4, 1986
Report Supplied by USDA

FEEDERS: Receipts around 1800 head. Feeder steers and heifers firm to 1.00 higher. Quality well below two weeks ago. Supply mainly medium and large frame 1-2 300-600 lb. steer and heifer calves, with several lots medium and small frame 1-2 fleshy steer calves.

FEEDER STEERS: Limited supply medium and large frame 1: 300-500 lbs. 63.00-69.00; 500-800 lbs. 60.00-66.00, fleshy 800-975 lbs. 57.00-59.50. Medium and large frame 1-2: 300-700 lbs. 59.00-65.00. Medium and small frame 1-2: Fleshy 350-550 lbs. 58.00-60.00. Large frame 2 holsteins: 600-850 lbs. 44.75-48.00.

FEEDER HEIFERS: Limited supply medium and large frame 1: 300-500 lbs. 55.00-60.00; 500-800 lbs. 53.00-57.00.

Medium and large frame 1-2: 300-500 lbs. 50.00-56.00.

Wheat Acreage Reduced In Wake Of Surplus

LEESPORT – The Agricultural Stabilization and Conservation Service, on Oct. 1, began accepting applications for the 1987 wheat acreage reduction program. The signup period ends Mar. 30, 1987.

Farmers who participate in the program will be eligible to receive price support loans at $2.28 per bushel and target price protection at $4.38 per bushel, according to Donald E. Lutz, chairman of the Berks County ASC Committee.

Despite the smallest wheat harvest in seven years, USDA predicts a record 4.03-billion-bushel supply of wheat will be available during 1986-87. Increased stocks and the expected near-record hard red spring wheat crop will overshadow reduced hard red winter wheat output, resulting in 3 billion bushels of bread wheat. In an effort to reduce planted acreage, production and total supplies to a level more in line with demand, Lutz said the 1987 wheat program contains a 27.5 percent reduction requirement.

The program requires farmers to limit their 1987 wheat planted to no more than 72.5 percent of their wheat acreage base, Lutz said. Program participants also must maintain in acreage conservation reserve an area equal to 37.93 percent of their planted acres.

He said to be eligible for loans, purchases and payments on wheat, the acreage planted for harvest on a farm to other program commodities may not exceed their respective crop acreage base. Producers who plant at least 50 percent of the permitted acreage to wheat and maintain the remaining permitted acreage in conserving uses will be eligible for deficiency payments of 92 percent of the permitted acreage, the same as in 1986.

To apply for the 1987 Wheat Program, or obtain additional program information, farmers may contact their county ASCS Offices.

Beef Checkoff Revenues Higher Than Expected

HARRISBURG – Receipts from the first month of the $1-per-head checkoff on cattle sold in Pennsylvania have exceeded the earlier estimate made by the Pennsylvania Beef Council.

October assessments collected totaled nearly $95,000, of which $17,000 was collected from other states, according to Robert R. Coleman, executive director of the council.

The council had estimated that about $75,000 could be raised monthly based on a .0 percent assessment of sales recorded in the past.

"We are pleased by the response from the producers," said Paul Heffner, Adams County beef producer and chairman of the council. "Many producers I talked with believe that a checkoff is necessary to launch the kind of promotion necessary to increase beef and veal demand," he stated. "There are some rough spots to be sure," he added. "Not everyone is sold on the program."

According to Coleman, even though the actual collections exceeded expectations, there are still many producers who have not participated. He explained: "Surprisingly, many dairy producers and dealers did not realize they are included in the national checkoff. We have had many calls from dairymen who were surprised to learn that dairy cattle were included and should be assessed $1 per head when sold. We thought every producer, whether beef or dairy, had heard of the checkoff program because it was widely publicized in agricultural publications and newsletters. Apparently many dairymen assumed it applied to beef cattle only and did not read the details."

"But," Coleman emphasized, "the law includes all cattle – beef and dairy. Buyers are obligated to assess $1 on each head of cattle they purchase from the sellers' proceeds and send it to the state beef council to be used for state and national beef and veal promotion."

In addition, Coleman pointed out that the law states specifically that the producer is obligated to pay the $1 per head assessment even if the buyer fails to collect it.

The state beef council is required, under its agreement with the U.S. Department of Agriculture and the Cattlemen's Beef Board to report intentional violations of the Beef Promotion and Research Act which authorized the checkoff. The fine is $5,000 per transaction. Two violations in Pennsylvania have been reported to date, according to Coleman.

"We hope there are only a few violations," said Coleman, "because our principle task is promotion and research, not enforcement. Fortunately most citizens are law abiding and won't intentionally violate the law."

The council is currently contacting dairymen and auctioneers who manage dairy sales to urge them to collect the assessment and remit it to the PBC as part of their sale management services to both sellers and buyers. The auctioneers will be provided with the necessary forms.

Producers who do not wish to participate in the beef and veal promotion program can request refunds. "Very few refund requests have been received," Heffner said, "except those from veal producers in northeastern Pennsylvania."

Some council officers talked to veal producers in the Northeast and emphasized that good promotion for veal is included in the state program. It was explained that promotional dollars for veal would be allocated in the approximate proportion to the checkoff funds from veal producers. "Thus," Coleman said "if they withdraw their contributions through retund requests, then the veal promotion will be a relatively small part of the state promotion program."

Coleman announced that state promotion made possible by checkoff funds will start late ir December and the national promotion will get underway late in January.

Extension Income Tax Meetings Set For January

UNIVERSITY PARK – Tax preparers, farmers, homemakers, and other interested individuals can secure information about federal income tax at the 1987 Penn State Extension income tax area meetings. This year, the January meetings will be offered at 13 locations.

Topics covered at the meetings will range from a look at new developments to a review of important tax principles. The program will include a discussion of recent changes in tax law, deducting expenses for business use of automobiles and pickup trucks, taxes and financial distress.

A review of several practical tax filing exercises will also be included.

Dr. Jesse Cooper and Dr. Larry Jenkins, extension economists with Penn State, will serve as instructors for each of the sessions.

Meeting dates and locations are: Tamaqua, Jan. 6; Quakertown, Jan. 7; Lancaster, Jan. 8; Chambersburg, Jan. 9; Meadville, Jan. 13; Butler, Jan. 14; Indiana, Jan. 15; DuBois, Jan. 16; Lewisburg, Jan. 20; Coudersport, Jan. 21; Mansfield, Jan. 22; Tunkhannock, Jan. 23; and Bedford, Jan. 27.

Each of the one-day sessions will be held from 9 a.m. to 4 p.m. The registration fee of $25 per person includes lunch and reference materials to be used during the day. Additional reference materials, including a Master Tax Guide, may be purchased for a small extra fee.

The registration deadline is Jan. 1, 1987. Persons registering after that date will be charged a late registration fee of $5.

A brochure and registration form and more information about the one-day income tax meeting are available from any Penn State Cooperative Extension Office. Questions about the meetings may be directed to your County Extension Director or to one of the instructors at (814)-865-7656.

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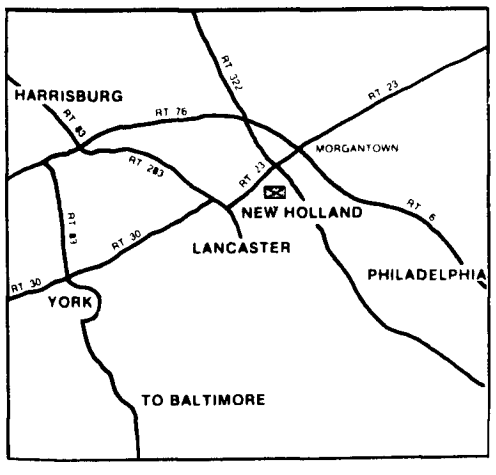

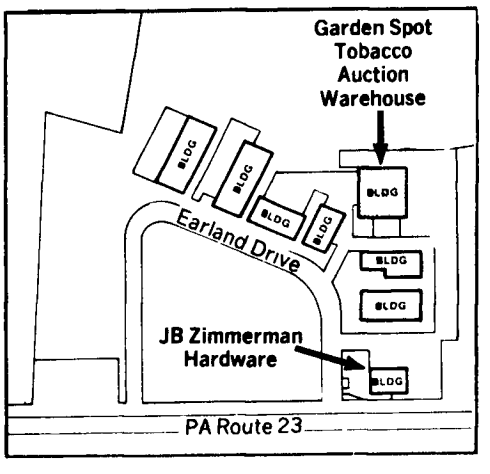

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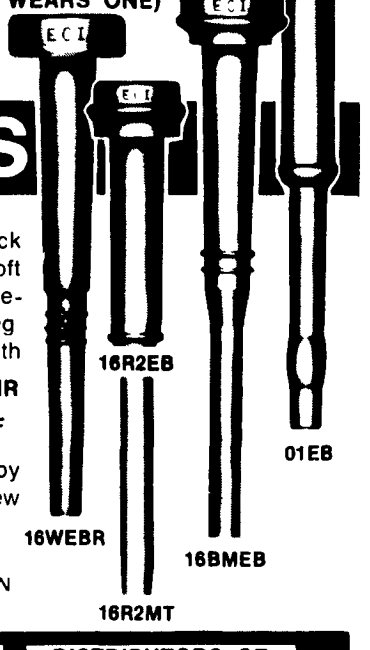

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Livestock market and auction news

Central U.S. Carlot

Beef Report
Wednesday, Dec. 3
Report supplied by USDA

Compared to Tuesday's 3:00 P.M. report, choice 3 steer and heifer carcasses $1.00-2.00 mostly $2.00 lower. Choice 4's, good and holstein type no sales reported. Demand and trading light to very light on moderate supplies.

2 loads of steer carcasses and 2 loads of heifer carcasses traded to packer-processors.

Sales reported on 19 loads of steer and heifer carcasses.

Steer Carcasses:
(9 Loads Reported)
FOB Omaha Basis
Choice 3

600-900 lbs. 2 lds. 95.00, latest estb. mkt. 95.00.

600-700 lbs. 4 lds. 95.00-95.50.

700-900 lbs. latest estb. mkt. 98.00 A.

Choice 4

600-900 lbs. latest estb. mkt. 86.00 D.

Good 1-3

600-900 lbs. latest estb. mkt. 90.00 A.

Holstein Type-
Choice 1-3

600-900 lbs. latest est. mkt. 87.50 A.

Good 1-3

600-900 lbs. latest est. mkt. 81.50 A.

Heifer Carcasses
(10 Loads Reported)
FOB Omaha Basis
Choice 3

550-800 lbs. 4 lds. range 94.00, latest estb. mkt. 94.00.

500-550 lbs. 3 lds. range 90.00-91.00, latest estb. mkt. 90.00-91.00.

400-500 lbs. 3 lds. range 89.00-90.00, latest estb. mkt. 89.00-90.00.

Choice 4

500-800 lbs. latest est. mkt. 86.00 D.

Good 1-3

550-700 lbs. latest estb. mkt. 89.00 A.

400-550 lbs. latest estb. mkt. 78.00 D.

Steer Carcasses
FOB Amarillo Basis
Choice 4

600-900 lbs. latest estb. mkt. 86.00 D.

Heifer Carcasses
FOB Amarillo Basis
Choice 4

500-800 lbs. latest estb. mkt. 86.00 D.

Steer and Heifer Primal Cuts
(3 Loads Reported)
FOB Omaha Basis
Choice 3
Heifer Hinds

119-167 lbs. 3 lds. range 103.00, latest estb. mkt. 103.00.

Front Quarters

131-183 lbs. latest estb. mkt. 87.00 E.

Cow and Bull Carcasses
(43 Loads Reported)

Midwest: Prices steady, instances $1.00 lower on cutters.

Eastern Texas and Oklahoma: Thin test generally steady, instances $1.00 lower on cutters.

Sales in the Midwest Production Area

Util, Brkg 2-4 450/Up# 2 lds. 62.00-63.00.

Util, Bng 1-3 400/Up# 2 lds. 65.00.

Util, Bng 1-3 500/Up# 7 lds. 66.00-67.00.

Cutter Bng 1-2 350/Up# 15 lds. 69.50-71, M 70.

Cutter Bng 1-2 400/Up# 71-71.50.

Bull 1-2 600/Up# 4 lds. 75.00-76.00.

Sales in Eastern Texas and Oklahoma Production Areas:
FOB Plant

Util, Brkg 2-4 450/Up# 3 lds. 62.00.

Util, Bng 1-3 400/Up# 2 lds. 67.00.

Cutter 1-2 350/Up# 4 lds. 71.00.

Bull 1-2 600/Up# 77.00-78.00 E.

Boneless Processing Beef
Beef Trimmings
(172 Lds. Reported)
FOB Omaha Basis

90% Chem Lean 20 lds. fresh 95.00-96.00, 2 lds. frozen 97.00.

85% Chem Lean 3 lds. fresh 89.00-90.00.

75% Chem Lean 7 lds. fresh 80.00-80.50, 5 lds. frozen 80.50-83.00.

50% Chem Lean 91 lds. fresh 54-56, M 55, 5 lds. frozen 57.50-58.00.

50% Chem Lean 15 lds. fresh 56.00-56.50.

Eastern Texas/Oklahoma Production Areas--FOB Plant

90% Chem Lean 18 lds. fresh 95.50-96, M 96, 4 lds. frozen 97.00.

85% Chem Lean 91.50 A.

75% Chem Lean 2 lds. frozen 80.00.

ABCDE after market quotes represents days since last actual market test. Quotes will be dropped after 5 days of no test.

Central U.S. Carlot

Pork Report
Wednesday, Dec. 3
Report supplied by USDA

Compared to Tuesday's 3:00 P.M. close: Fresh pork loins 14-18 lbs. steady to 1.00 lower, 22# up 5.00-6.00 lower; Boston Butts steady; Skd Hams steady to 2.00 lower; Sdls Bellies 12-18# .50-3.00 higher; other cuts generally steady. Trade slow to moderate for light to moderate demand and moderate offerings.

US No. 2 175 lb. hog carcass advanced .03 to 72.12 per cwt. Loads fresh pork cuts 54.50. Loads trim/process pork 4.50.

Fresh Pork Cuts
FOB Omaha Basis
Loins, Regular, Fresh

14-18 lbs. 9 lds. 97.00-100.00 M, 98.00-99.00.

18-22 lbs. 1.0 lds 98.00.

22/Up lbs. 2.0 lds 94.00-95.00.

Tenderloins

2/Bag 305.00 A.

Picnics

4-8 lbs. 56.00 A.

Boston Butts

4-8 lbs. 1.5 lds 79.00.

8/Up 77.00 B.

Spareribs, Fresh

1.5-3.5 lbs. 0.5 lds. 110.00.

3.5-5.5 lbs. 0.5 lds. 93.00.

5.5/Up lbs. 55.00 A.

Spareribs, Frozen

1.5-3.5 lbs.110.00 A.

3.5-5.5 lbs. 94.00 A.

5.5/Up lbs. 55.00 A.

Loin Backribs

1.5/Dn lbs. 275.00 A.

1.75/Dn lbs. 230.00 A.

Hams, Skinned Fresh

14-17 lbs. 110.00-113.50 C.

17-20 lbs. 13.0 lds. 91.00-93.00.

20-26 lbs. 9.0 lds. 81.00-84.00.

26-32 lbs. 76.50-81.75 A.

32/Up lbs. 70.50 A.

Hams, Skinned Frozen

17-20 lbs. 1.0 lds. 94.50.

Bellies, Sdls, Skin On, Fresh

10-12 lbs. 63.00 A.

12-14 lbs. 1.5 lds. 67.00-67.50.

14-16 lbs. 1.5 lds. 67.00-67.50.

16-18 lbs. 6.0 lds. 63.00-64.00.

18-20 lbs. 6.0 lds. 54.00-54.50.

20-25 lbs. 2.0 lds. 48.50.

Pork Trimmings/ Boneless Processing Pork (Chemical Lean)

Combo 42% Fresh 48.00-51.00 D.

Boxed Frozen 1.0 lds. 51.00.

Combo 72% Fresh 0.5 lds. 84.50.

Boxed Frozen 0.5 lds. 80.00.

Blademeat

Combo 88% Fresh 102.00 E.

Boxed 88% Frozen 102.00 E.

Boneless Picnics

Combo 72% Fresh 1.5 lds. 84.50-86.00.

Boxed 72% Frozen 84.00 B.

Skinned Jowls

Combo Fresh 1.0 lds. 45.00.

Boxed Frozen 45.50 A.

Cured and Processed Meats
Hams, Smoked, Skinned, Water Added

16-19 lbs. 110.00-115.00.

19-23 lbs. 97.00-101.00.

Picnics, Smoked, Water Added

4-7 lbs. 72.00-76.00.

Bacon, Sliced, Vac. Pack

1 lb. pkg. 134.00-182.00.

ABCDE After Market Quotes Represents Days Since Last Actual Reported Sales. Quotes Dropped After 5 Days.

East Coast Carlot

Wednesday, Dec. 3, 1986
Report supplied by USDA

Compared to Tuesday's close: Choice and Prime special fed veal steady to firm in limited test. Good and Choice boning veal untested; limited sales of inshipped firm with Monday's last test. Compared to last week choice and prime lamb 5.00 higher. Beef trimmings 4.50 lower than last week.

Choice & Prime
(Special Fed)
100 Head

220-280 lbs. LTD 160.00 steady-firm.

Good and Choice
Boning Type-Hide On
Northeastern Suppliers
No Sales Reported
Inshipped
180 head

71-80 lbs. LTD 85.00, firm with Monday; 61-70 lbs. LTD 83.00; 51-60 lbs. LTD 81.00; 41-50 lbs. LTD 79.00; 30-40 lbs. LTD 77.00.

Lamb Carcass
Choice and Prime
11 Lds

Compared to last week.

55 lbs. dwn. 155.00, 5.00 higher; 55-65 lbs. 145.00, 5.00 higher; 65-75 lbs. 140.00, 5.00 higher.

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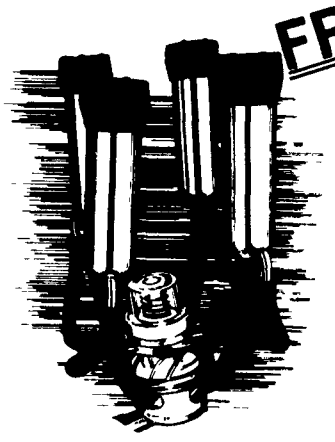

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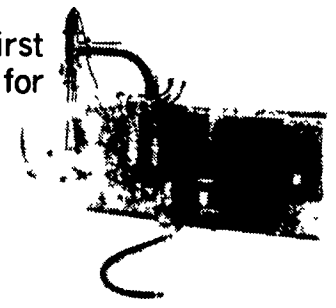

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Rural Budget Crunch

Small Towns In The Midwest Feel Effects Of Flagging Farm Economy

USDA Farmline News Service

WASHINGTON, D.C. — Good roads, a school system, and adequate police and fire protection are among the basic services taxpayers have come to expect from their local government. If a pothole needs patching or a street sign needs fixing, they depend on city hall to take care of the problem.

But in some parts of the country--namely in the rural areas where agriculture makes up a large portion of the economic base--local governments are having a much tougher time funding these services.

Declining farmland values and the ripple effects of a weak farm economy have whittled down the tax revenues of many western and midwestern communities, according to Tom Stinson, until recently an economist with USDA's Economic Research Service and now an economics professor at the University of Minnesota. At the same time, Stinson adds, rising farm sector unemployment has increased the demand for public services in such areas as education, job retraining and placement, and mental health counseling.

The analyst suggests that many governmental units, primarily county governments and school boards, are being caught in a financial vise of rising costs and falling revenues. The elimination of the federal revenue sharing program--until recently a key source of money for some counties, cities, and townships--and possible cuts in state aid add to their concerns.

As a result, Stinson says, many rural governments face the possibility of substantial belt-tightening for the rest of the 1980's, and possibly beyond.

Declining farmland values account for much of the reduction in tax revenues. The value of an average acre of U.S. farmland has fallen from a peak of $823 in 1982 to $596 early this year.

In much of the United States, property taxes account for about 27 percent of local tax revenues, but this figure can average 50 to 70 percent in some parts of the West and Midwest.

Some Findings

Stinson analyzed tax bases in agriculture-dependent rural counties of Arkansas, Iowa, Kansas, Minnesota, Missouri, Montana, Nebraska, and North Dakota. Some of his findings are reported in a recent issue of USDA's *Farmline* magazine:

- Tax delinquency rates have increased substantially. The dollar value of overdue taxes more than doubled in parts of Iowa and Minnesota between 1980 and 1985. In some Nebraska counties, delinquencies rose 70 percent in the same period.
- Based on 1982 levels of local government spending, declines in agricultural property values over the last few years could have produced a combination of tax increases and expenditure cuts in some areas that range from $13 to $199 per person.

"The decline in farmland values has been well documented for several years, but it's only now that rural cities and counties are realizing they have a problem," Stinson says. "That's because assessed land values in some areas are only adjusted periodically."

Alternative Sources Strained

Falling property tax revenues alone probably wouldn't put many rural communities on the edge of financial hardship, Stinson says. When reduced tax revenues coincide with cuts in income from other sources, however, local governments may be forced to trim budgets and raise tax rates--a situation currently facing some school boards, townships, and county governments in Arkansas, Minnesota, and Nebraska.

Although figures vary from state to state, rural communities presently count on state aid for an average of about 38 percent of their revenue basis. Federal aid, miscellaneous taxes, and user fees make up about 35 percent, and property taxes the remaining 27 percent.

In the past, many fiscally strapped local governments looked to the state or federal government for help. But many states are also experiencing budget woes. Stinson notes that in six of the eight states he studied, budget officials announced midyear serviced reductions because of less-than-expected revenues.

On the national level, aid cutbacks have also been underway. According to the economist, federal aid to state and local governments--when measured in 1972 constant dollars--has declined by about 17 percent, from $218 billion in 1980 to about $180 billion in 1985.

The major source of federal aid was the revenue sharing program. Since the program began in 1973, about $85 billion has been pumped into state, county, and city budgets. Many cities and counties used the money as a "rainy day" source of income for budget balancing and unexpected expenses.

But federal budget concerns resulted in the program's elimination. Stinson notes that as federal lawmakers strive to meet deficit reduction targets established by the Gramm-Rudman-Hollings Act, any increase in federal aid for existing programs is unlikely.

Balancing Act

The economist predicts that county governments and school systems will be most directly affected by aid cutbacks and tax declines. In the areas Stinson studied, about 67 percent of farm-generated property taxes went to fund the local school system, another 30 percent went to the county government, and the remaining 3 percent to townships for services such as highway repair and police and fire

(Turn to Page A18)

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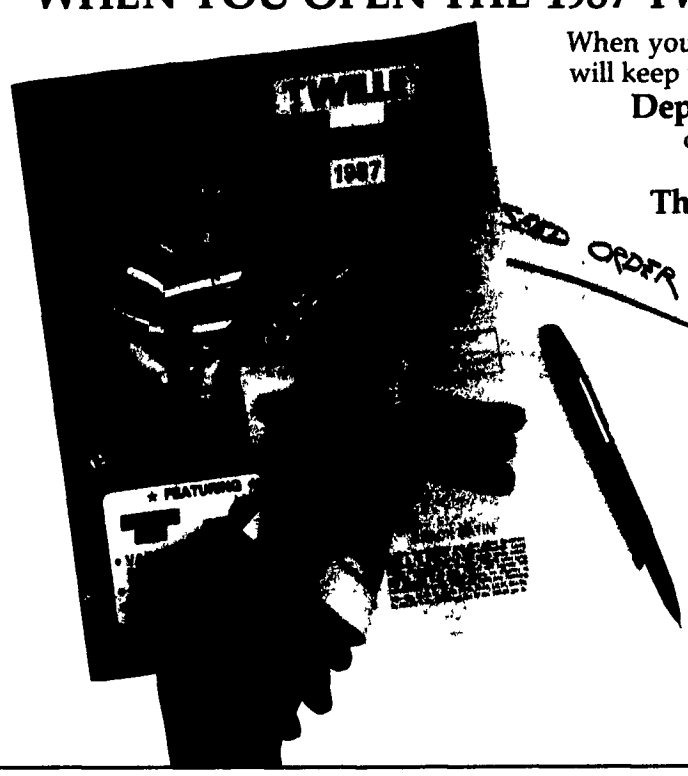

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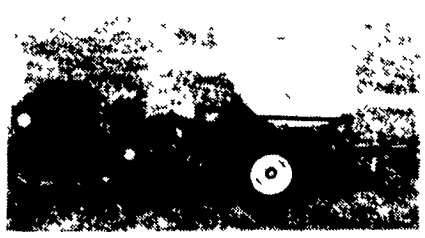

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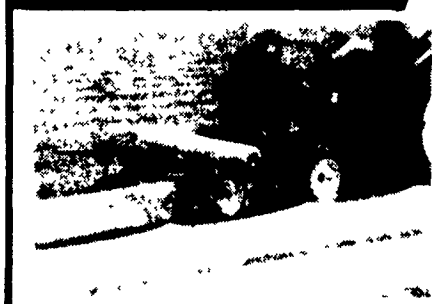

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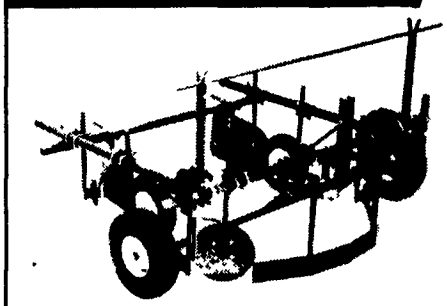

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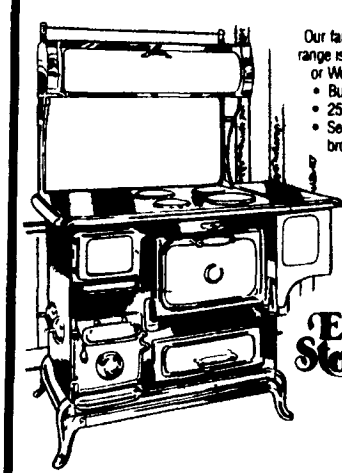

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PA Junior Holstein Calf Raffle Gets Underway

STATE COLLEGE – The Pennsylvania Junior Holstein Association's Seventh Annual Calf Raffle is in high gear. Juniors are selling tickets to help fund the programs and activities sponsored by the Pennsylvania Junior Association.

This year's calf is Bransdale Raffle Calf. She comes from Bransdale Holsteins, Tyrone. She is a Thonyma Electra born June 9, 1986. Her dam is a VG-86 Contender with 27,080 milk, 3.8 percent and 1018 fat. The second dam is the Columbia Cow scored EX-90 with 28,460 milk 3.9 percent 1123 fat.

The winning tickets will be drawn at the 1987 Pennsylvania Convention Sale on Feb. 25 in Wilkes Barre. The first prize winner has the option of taking the calf or a cash prize of $1,000. Second prize is $250 and third prize is $100.

Trips, judging schools, DJM contest, production contests, and many other Junior Programs are funded from the Calf Raffle sales.

To receive your six Calf Raffle tickets, simply fill out the ticket order form and return it with $5.00 to the PA Holstein Association, 839 Benner Pike, State College, PA 16801.

PJHA Calf Raffle
Ticket Order Form

Name_____

Address_____

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Phone ( ) _____

I would like_____Raffle tickets at 6 for $5.00. Please make check payable to: Pennsylvania Holstein Association

Return to: Pennsylvania Holstein Association, 839 Benner Pike, State College, PA 16801

Cornell To Hold Agribusiness Conference

ITHACA, N.Y. – Cornell University agricultural economists will discuss the health of the nation's agriculture and how it will shape up in 1987 at a conference scheduled for Dec. 16 in Room 45 of Warren Hall on campus.

The Agribusiness Situation and Outlook Conference will feature a series of talks ranging from the general economic situation and outlook to new developments and trends in agricultural economics.

Discussions will cover the dairy, livestock, fruit and vegetable industries; the outlook for farm expenses for feed, fertilizer, fuel and pesticides; the financial health of farm businesses, agribusiness firms and agricultural lenders in New York State; research and outlook for food distribution; and a study aimed at developing farming alternatives.

The day-long conference, which is sponsored by the Department of Agricultural Economics in the New York State College of Agriculture and Life Sciences at Cornell, will start at 10 a.m.

For more information about the program and registration, contact Robert A. Milligan, Department of Agricultural Economics, Cornell University, Ithaca, N.Y. 14853 or telephone Milligan's office at (607) 255-4579.

Rural Budget Crunch

(Continued from Page A17)

protection.

According to Stinson, agricultural communities will also be hard pressed to keep up with an increased demand for social services caused by the weak farm sector.

Moreover, when farm incomes fall, Main Street businesses suffer too. Local unemployment increases, and that hurts commerce. Until the overall farm economy improves, he notes, small-town officials will have to pinch pennies and search for alternative forms of revenue, wherever possible.

Stinson says that communities in grain-producing states like Iowa, Kansas, Nebraska, North Dakota, Minnesota, and Arkansas will face the biggest challenge to keep municipal services intact. Local governments dependent on farm-generated property taxes in other states may have less of a problem because of their more diversified economies.

"Still, for many communities where agriculture is the main source of income, even modest percentage reductions in agricultural property values can have major impacts on local governments," Stinson says. "If left unchecked, the downturn in agricultural property values and the accompanying decrease in local tax bases have the potential to permanently change the quality of life in many parts of rural America."

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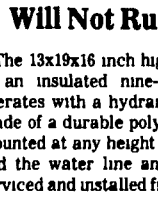

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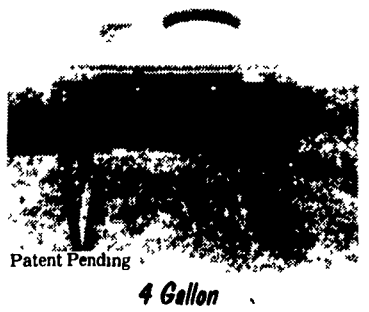

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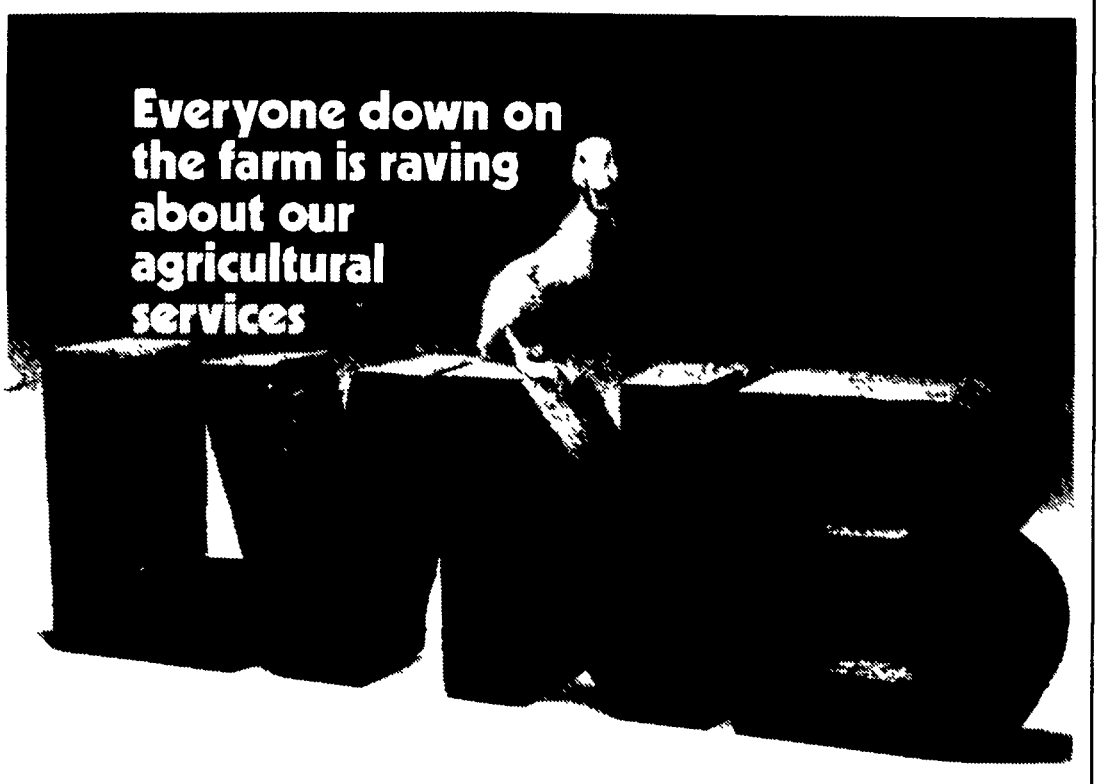

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Carroll County 4-H'ers Present Demonstrations

TANEYTOWN, Md. — Representatives from various 4-H clubs throughout Carroll County, Md. participated in a safety demonstration activity held recently at the Southern States Taneytown Cooperative.

For the past 17 years, the co-op's store has been the site of various Christmas safety activities sponsored by the local co-op's farm home advisory committee and Southern States Taneytown Co-op.

This was the third year 4-H'ers were invited to perform their project demonstrations for the community.

The first demonstration was from Beth Leidy, a member of the Rolling Clovers 4-H Club. Beth demonstrated the use of a food processor while introducing the audience to her variety of a cheddar cheese ball. She served the appetizer on crackers.

Debbie Tasto, from the Deep Run Clovers 4-H Club, demonstrated how to prepare eggnog.

Danielle Fisher, a member of the Deer Park 4-H Club, showed how to make an Orange Smoothee.

A member of the Deep Run Clovers 4-H Club, Dollie Tasto demonstrated how to prepare a hot chocolate mix.

Matthew Blauvelt, a member of the Carrollton 4-H Club, gave a bicycle safety demonstration and reminded visitors to "earn the right to ride their bikes."

Another Carrollton Club member, Christine Curry, showed the importance of using children's auto safety seats for travel.

Shawnee Blauvelt, also from the Carrollton Club, presented some safe and efficient dishwashing tips.

Emily Metcalf from the Pleasant Valley 4-H Club demonstrated how to make peach delight, a nutritious milk drink.

"Hooked," a fishing demonstration by Michael Showalter of the Hillsdale Youth 4-H Club, provided an informative discussion on fishing safety.

Rachel Wagner from the Pleasant Valley 4-H Club, demonstrated some simple-to-make Christmas decorations.

Two Deer Park 4-H club members, Melanie Soper and Jenny Kibler, presented a demonstration titled "Be a Good Citizen at Home." They included pointers on being thoughtful and polite at home.

Kathy Weant of the Taneytown 4-H Club prepared an egg rice casserole.

Deer Park 4-H Club member Matthew Soper shared a muffin recipe with the audience.

Shelley Yingling, a member of the Deep Run Club, presented a demonstration titled "Patchwork" which explained how to use extra scraps of fabric.

Karen Weant from the Taneytown 4-H Club encouraged listeners to "Invite a Cow to Your Party." She challenged everyone to include refreshments made from real dairy products when entertaining.

Kristine Utz, another member of the Deep Run Clovers 4-H Club, demonstrated how to tell a story with a sequence of photos.

The final demonstrator, Gregory Soper from the Deer Park Club, shared a recipe for apple crisp.

Each 4-H'er who gave a demonstration received a certificate of appreciation. Club awards were also presented. Two clubs, Deer Park and Deep Run Clovers, had an outstanding turnout of demonstrators.

Matthew Blauvelt from the Carrollton Club, presented a demonstration on bicycle safety.

Christine Curry, a member of the Carrollton 4-H Club, explained the importance of using children's auto safety seats.

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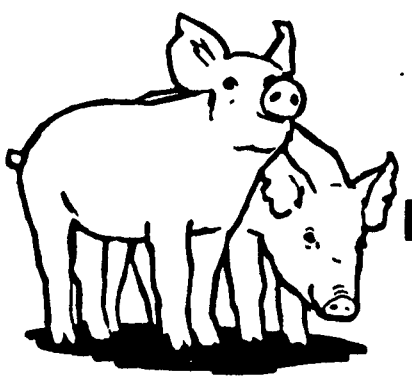

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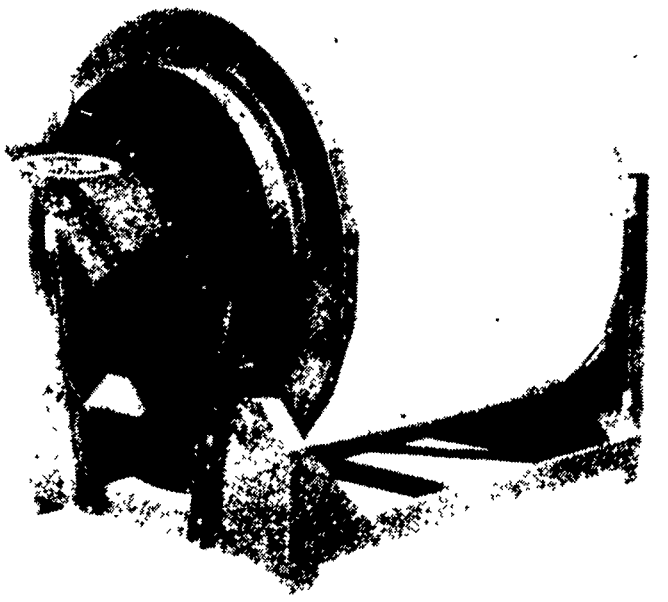

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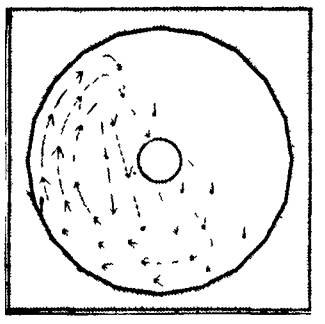

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Halteman, Delp Share Top Montgomery County DHIA Honors

CREAMERY — Harold Halteman of Telford received the high herd award for fat and protein in Montgomery County at the county's annual Dairy Herd Improvement Meeting. Halteman averaged 20,552 pounds of milk, 741 pounds of fat and 641 pounds of protein on 71 cows. His herd ranked second in the county for milk production.

Durrell and Dawn Delp, Souderton, edged Halteman by 133 pounds to claim the high herd award for milk. Their 46 Holsteins averaged 20,685 pounds of milk, 727 pounds of fat and 635 pounds of protein. This production qualified the herd for the third high herd ranking in fat and protein.

Second high herd honors for fat and protein went to Merrill Mest, Schwenksville. His 31 cows averaged 18,133 pounds of milk, 730 pounds of fat and 592 pounds of protein.

The association honored the top 10 herds in the county based on fat production. Rounding out the top 10 are: Arlin Halteman, Harleysville; Patty-Run Dairy Farm, Spring City; Fred Seipt Family, Lansdale; Richard Bechtel, Harleysville; Gehringer Brothers, Bally; Du Mar Farm, Harleysville; and Edward Wisser, Palm.

Spring Meadow Holsteins, Collegeville, owned the high cow for fat production. Their 2 year old produced 1,041 pounds of fat in 305 days.

A 4-year-old cow owned by Du Mar Farm claimed second place with a production of 997 pounds of fat. This cow produced the top protein record in the county with 828 pounds.

David Longacre, Hereford, owned the second high cow for protein production. His 5 year old complete a 305 day lactation with 821 pounds of protein.

Harold Halteman owned the high cow for milk production. His 6-year-old Holstein produced 29,179 pounds of milk.

The next high cow for milk production produced 28,317 pounds and is owned by Arlin Halteman.

Patty Run Dairy Farm claimed the most improved herd for milk, fat and protein production. The Spring City dairy increased its average by 3,218 pounds of milk, 95 pounds of fat and 99 pounds of protein.

Merrill Mest produced the second best increase in fat and protein herd average with 92 pounds of fat and 99 pounds of protein. Gehringer Brothers registered the second highest increase in milk production with 2,913 pounds.

Montgomery County posted a high average for the 3,407 cows in the county of 16,067 pounds of milk and 582 pounds of fat.

PFA President Urges RCMA Sign-ups

CAMP HILL — The president of the Pennsylvania Farmers' Association called on independent dairymen to join the effort to improve milk prices through the Regional Cooperative Marketing Agency Inc.

PFA President Keith Eckel of Lackawanna County said, "For the past few years dairymen have been saying we need less government in the dairy industry and more money in our milk checks. RCMA is the answer.

"It's not a government program, but a farmer-controlled program which already represents 85 percent of all dairymen in nine Northeastern states. But before it can bargain effectively with milk handlers for higher fluid milk prices it needs 95 percent of total dairymen's support. That means we need the help of independent producers."

Eckel noted that the PFA Board of Directors has voted wholehearted support for the RCMA program. PFA has also joined with other farm organizations in a campaign to enlist members in the RCMA.

Eckel said, "RCMA is a proven marketing agency that has been upheld in the Supreme Court. It is supported by all the major dairy cooperatives in the Northeast, all the farm organizations in the Northeast, and all the agriculture departments in the nine-state area."

He added, "Now it's up to the independent dairymen. With their support, RCMA can go to all milk handlers and seek a premium over the minimum prices established under Federal Market Orders. Under RCMA all handlers will be treated equally and any over-order premium collected will be shared equally by participating dairymen."

Maryland Researcher 'Scientist Of The Year'

WASHINGTON, D.C. — A researcher who uses ultraviolet light and bacteria to detour farm chemicals from polluting groundwater in the U.S. Department of Agriculture's 1986 "Distinguished Scientist of the Year."

Philip C. Kearney, a biochemist who heads the Pesticide Degradation Laboratory in Beltsville, Md., will receive the highest award given for scientific achievement and leadership by USDA's Agricultural Research Service.

Kearney designed a mobile unit that combines high-energy ultraviolet light with oxygen to break down a pesticide before it enters the soil.

"We moved the unit to a research farm and tested it on 11 major pesticides and were able to break down every one of them," says Kearney.

Kearney also leads a group of researchers using biotechnology to engineer bacteria that destroys pesticides. The group has isolated and cloned a gene — that produces the enzyme parathion hydrolase — from a type of bacteria called a Flavobacterium, increasing its ability to destroy pesticides.

"Ultimately," says Kearney, "we hope to develop a simple kit that would contain a preserved organism. A farmer would add the organism to a drum that has pesticide waste in it, and simply let the organism work on the pesticide right in the drum itself."

As distinguished scientist, Kearney will receive $5,000 and up to $40,000 in equipment and other support for his research. A graduate of Cornell University, he has been with USDA's research agency in Beltsville since 1962.

At the ceremony, Kinney also will cite three "Outstanding Scientists of the Year" and seven "Area Scientists of the Year."

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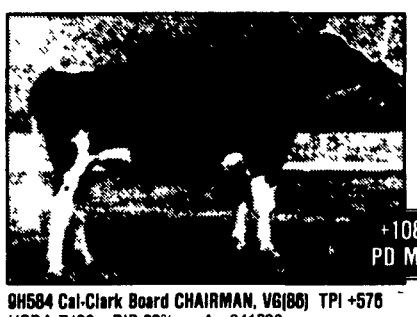
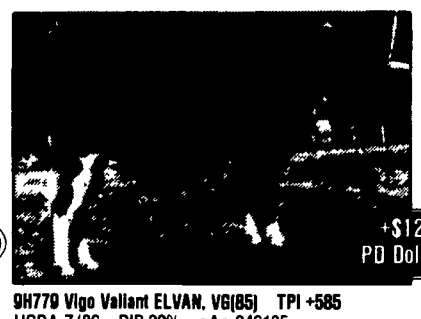


9H584 Cal-Clark Board CHAIRMAN, VG(86) TPI +576
USDA 7/86 RIP 62% aAa 341526
8,566 dtrs , 3,452 herds 19,433m 3 6% 691f
Pred. Diff. ('82) +$114 +1,088m -.05% +30f Rpty. 99%
Protein +$115 +.01% +38P Rpty. 99%
HFA Type Summary, 7/86 PDT +1 10, Rpty. 99%
Sire MILU BETTY IVANHOE CHIEF

9H643 HAGER
+$110 +1,129m -.08% +26f Rpty. 83%
PDT +0.55, Rpty. 81%

9H787 ELVATE
+$120 +966m +.02% +38f Rpty. 98%
PDT +0.20, Rpty. 95%

9H771 PEBBLE
+$150 +974m +.11% +56f Rpty. 69%
PDT -0.63, Rpty. 74%



9H779 Vigo Valiant ELVAN, VG(85) TPI +585
USDA 7/86 RIP 32% aAa 246135
53 dtrs , 42 herds 18,192m 3 5% 640f
Pred. Diff. ('82) +$128 +1,179m -.04% +35f Rpty. 70%
Protein +$123 -.02% +34P Rpty. 70%
HFA Type Summary, 7/86 PDT +0.80, Rpty. 75%
Sire S-W-D VALIANT

9H754 MAGIC
+$123 +1,161m -.05% +33f Rpty. 74%
PDT +0.45, Rpty. 74%

1H313 NITE TRAIN
+$98 +298m +.22% +49f Rpty. 74%
PDT +1.57, Rpty. 67%

9H626 SAUL
+$73 +584m +.01% +23f Rpty. 86%
PDT +1.45, Rpty. 77%

9H692 POTTS Southern Man-Twin, GP(82) TPI +580
USDA 7/86 RIP 0% aAa 354126
55 dtrs , 43 herds 17,808m 3 6% 640f
Pred. Diff. ('82) +$105 +1,079m -.07% +25f Rpty. 75%
Protein +$101 -.01% +31P Rpty 74%
HFA Type Summary, 7/86 PDT +1.34, Rpty. 71%
Sire ARLINDA JET STEAM-TWIN

1H331 REDCAP
+$129 +1,182m -.04% +36f Rpty. 72%
PDT +0.15, Rpty. 68%

16H112 DAN
+$109 +530m +.16% +47f Rpty. 89%
PDT +0.36, Rpty. 78%

9H622 STEWART
+$55 +507m -.02% +15f Rpty. 89%
PDT +1.84, Rpty. 85%

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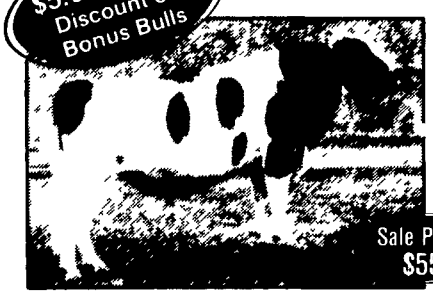

9H719 Whittier-Farms NED BOY, VG(88) TPI +717
USDA 7/86 RIP 2% aAa 516423
63 dtrs 53 herds 18,402m 3 8% 694f
Pred Diff ('82) +$162 +1,145m +.09% +57f Rpty 78%
Protein +$169 +.04% +43P Rpty 78%
HFA Type Summary, 7/86 PDT +1 77, Rpty 78%
Sire CA-LILL STANDOUT CAVALIER

9H758 Brooks-Twain Valiant SAMMY-ET, VG(87) TPI +608
USDA 7/86 RIP 18% aAa 123465
109 dtrs 91 herds 18,639m 3 6% 669f
Pred Diff. ('82) +$140 +1,192m +.00% +42f Rpty. 84%
Protein +$141 +.01% +39P Rpty 84%
HFA Type Summary, 7/86 PDT +0.77, Rpty. 85%
Sire S-W-D VALIANT

1H406 Thonyma SECRET, VG(85) TPI +599
USDA 7/86 RIP 32% aAa 354126
41 dtrs 31 herds 19 671m 3 6% 715f
Pred. Diff. ('82) +$160 +1,340m +.00% +49f Rpty. 85%
Protein +$169 +.05% +51P Rpty 64%
HFA Type Summary, 7/86 PDT +0.08, Rpty. 70%
Sire LOCUST-GLEN IVANHOE ELEVATION

1H385 Knolltop Rockers ACE, EX(92) TPI +535
USDA 7/86 RIP 41% aAa 564123
4492 dtrs 1,313 herds 17 952m 3 7% 659f
Pred Diff ('82) +$116 +845m +.05% +40f Rpty 99%
Protein +$105 -.05% +17P Rpty 99%
HFA Type Summary, 7/86 PDT +0 65, Rpty 98%
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Quotas Termed Humane Way Of Reducing Surplus

BY MARTHA SHELDON
New York Staff Correspondent

SYRACUSE — Mandatory production quotas for the dairy industry are a more humane way than bankruptcy to bring supply in line with demand, according to Texas A&M University agricultural economist Ronald Knutson.

"Nobody says farmers shouldn't make a profit," rebuts Cornell University agricultural economics professor Bernard Stanton. "What they do say is, some farmers should not get their cost of production."

Economists Knutson and Stanton argued the pros and cons of mandatory supply management recently as part of a day-long conference exploring the history of supply-management programs and their implications for the dairy industry. The conference was sponsored by Cornell University in response to an increased grassroots interest in the topic. Over 150 farmers, milk handlers, agricultural journalists, and representatives of dairymen from New York, adjoining states, Canada, and states as far away as California attended the conference.

Knutson set the stage for advocating mandatory supply management by explaining that the current national dairy policy is in disarray - volunteer production control programs have failed to restore the balance between supply and demand, a technological explosion is on the horizon, there have been regional shifts in production, and the support price for milk will have to drop to $8 per hundredweight to bring supply back in line with demand.

"The dairy program is outdated and, worse than that, will fall of its own weight. Only mandatory controls can effectively solve the problems," he maintained.

Knutson said dairy farmers need mandatory supply controls because there is no escape valve for the dairy industry - there are no profitable alternatives in agriculture today for dairymen to turn to. "We can drive farmers out by prices or we can provide orderly transition to lower production through mandatory controls." Knutson contended that mandatory controls are more humane.

Although Knutson argued for one national milk market order and centralizing all dairy support programs into one office of the United States Department of Agriculture, he recognized the comparative production cost advantage the West now clearly has in the dairy industry.

Knutson advocated establishing national quotas based on expected consumption, using 1985 production as the base for producers over which quotas would be proportioned. Prices paid producers would be determined by a "free market."

Such a mandatory supply-control policy would solve the dairy industry's problems, said Knutson. Production would equal consumption, the government cost would be minimal, effects of technology would be controlled, and the value of the quota would reward farmers and provide them with a monetary incentive for exit. A side benefit, he said, would be to encourage the movement of milk production to the most efficient producers.

Hollis Hatfield (right) and Robert Jacobson (left) listen to Judd Mason's point at the recent Cornell University Conference on supply management programs for the dairy industry.

No one can argue that supply is not exceeding demand and that technology will change the industry, said Stanton, but history shows that voluntary quotas do not work and that producers become interested in mandatory quotas only when other programs fail. Once adopted, mandatory controls will "always be with us," he said.

Mandatory controls limit the farmer's ability to change and respond to new technology, Stanton asserted. They penalize for over production as well as under production. The value of the quota will be built into the production costs and passed on the consumer.

Regional shifts will not occur, Stanton said, because once a region gets a base it will hang on to it, just as has happened in the peanut and tobacco industries.

Mandatory production controls with built-in price increases to producers will mean higher costs to consumers and the inevitable development of substitute products, which will in turn lower demand, he argued.

Peanalties for overproduction will be one of the hardest things for our country to deal with, Stanton said, but enforcement is essential to making the program work.

Furthermore, the value of the quota will present farmers with a windfall gain and pose a capitalization problem for the next generation of dairy farmers who want to enter the industry.

In his rebuttal, Knutson contended the only "freedom" dairy farmers now have is to go broke. With quotas, they will have the freedom to sell their quota. As for the capitalization of the quota,

(Turn to Page A22)

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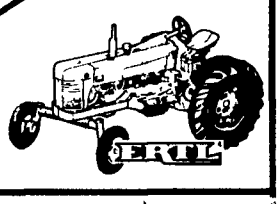

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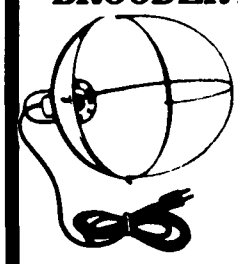

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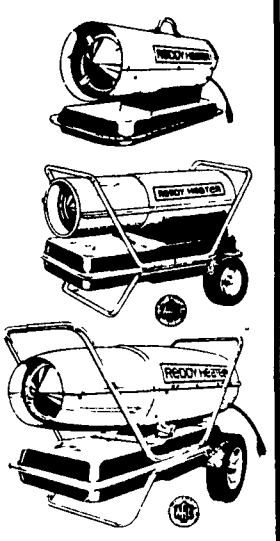

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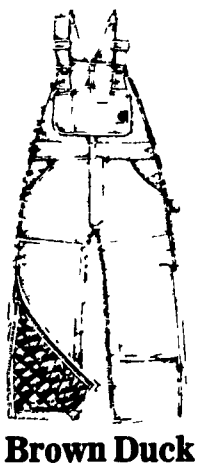

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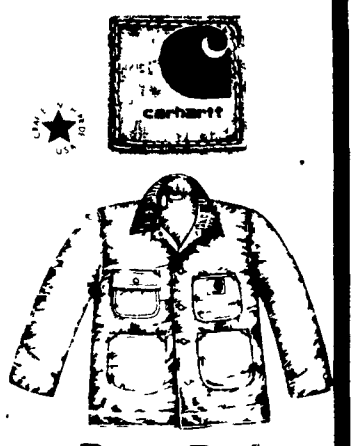

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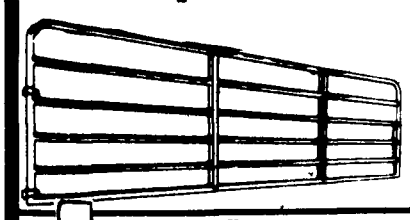

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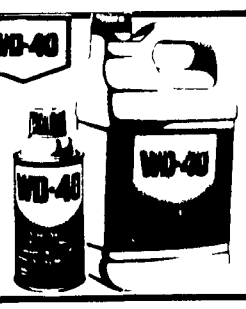

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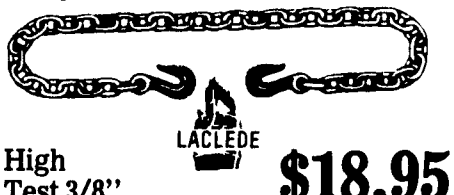

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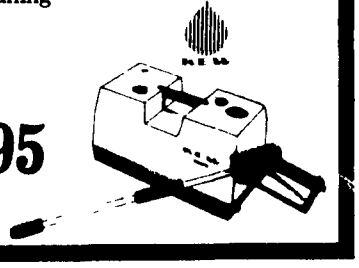

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Block Blasts Supply Management Concept

WICHITA, Kan. – John R. Block, president of the National-American Wholesale Grocers' Association and former secretary of agriculture, hit the concept of supply management and mandatory production controls as "devastating for U.S. agriculture."

"If there is a worse policy idea, I can't thnk of it," he said. "It would abandon U.S. exports, severely weaken our agricultural base, and build a tariff wall around this country."

Block spoke to attendees of the Kansas Agri-Business Expo in Wichita. Sponsored jointly by the Kansas Grain and Feed Dealers Association and the Kansas Fertilizer and Chemical Association, the event is the state's largest agricultural show.

Now that the Democrats control the U.S. Senate, there has been increasing speculation that mandatory controls will be advanced as the Democrats' farm policy agenda. "I hope the new leadership will keep to the political center," Block declared. "The idea was repudiated repeatedly during discussion of the 1985 Farm Bill and I am sorry to see it back."

During the last session of Congress, Senator Tom Harkin of Iowa proposed mandatory acreage controls and is likely to resubmit what was S.2869, the Family Farm Act, in the new Congress. According to USDA analysis, the bill would double crop price support levels and U.S. exports would disappear as surplus stocks shrank. If there is a massive export subsidy, CCC outlays would increase $3 to 4 billion more than under current legislation. In any event, the U.S. livestock industry would be faced with a doubling of feed grain costs.

The most telling effect of supply management is economic. USDA's Economic Research Service studied the effect of a production cutback of 55 percent such as that called for in the Harkin plan. The plan would:

- Eliminate 553,000 farm production jobs – nearly 21 percent of farm employment; 370,000 ag input jobs; 1.2 million processing, marketing, and purchasing jobs for a total of 2.2 million U.S. jobs.
- Slash $43 billion from the GNP from lost economic activity of processors, marketers, and consumers; $12 billion from the input industry; and $16.2 billion lost from the farm sector – a total of $71 billion cut from the gross national product.

Block cited this USDA research as "conclusive evidence" that the supply scheme would be harmful for U.S. agriculture."

He said that there are several dangers to supply management. "For one thing, central planning in agricultural has been tried in the Soviet Union and other East Bloc states and simply hasn't worked. The issue is freedom of choice for a farmer as to what and how much he or she chooses to grow."

Another harmful effect lies in the export arena. "The U.S. would be isolated in world agriculture. For every cutback in production here, our competitors will increase theirs and sell it below U.S. government-supported prices. Our market position would be further eroded with devastating effects for the U.S. farmer," Block said. U.S. farmers now export production from one third of their acres.

Block said that the preferred approach is to give the 1985 Farm Bill a chance to work. "Let's give it time to work so that U.S. agriculture can return to a market orientation and become competitive in the world."

The former agriculture secretary said that the aim of mandatory production advocates is to create a U.S. food cartel. "Their goal is to create a food cartel – an OPEC – to build a wall of artificially high prices behind which U.S. agriculture would hide," Block said. "OPEC didn't work because of alternative suppliers and this wouldn't be any better. Other countries will simply move in to take up the slack from our cutbacks and we will be frozen out of the world's markets."

Block urged the leadership of both parties to decisively defeat the proposal if it comes up for consideration.

MMI Sets Delegate Meeting

STRONGSVILLE, Ohio – The 1986 annual delegate meeting of Milk Marketing Inc. is Dec. 10, at The Fawcett Center for Tomorrow, The Ohio State University, Columbus, Ohio.

Keynote speaker for the event will be James C. Barr, chief executive officer for the National Milk Producers Federation, Washington, D.C. MMI President Herman M. Brubaker will update delegates on MMI activities in marketing, legislation and MMI programs. MMI General Manager Gordon Riehl will present the management report.

Registration begins at 9:30 a.m. in The Fawcett Center for Tomorrow. The meeting begins at 10:30 a.m. The facility is located just north of The Ohio State University Stadium, at 2400 Olentangy River Road.

Humane Way Of Reducing Surplus

(Continued from Page A21)

Knutson said, any time the government makes farming profitable, that profit becomes capitalized, in the form of cows, land, etc.

Contrary to Stanton's contention, Knutson said the ability to buy and sell bases should not be confined to regions and the sale of quotas would be a more stabilized form of capitalization than what the country has now.

Consumers are already paying a higher price than that marked on the carton of milk or cheese. They are also paying for the government subsidies, he pointed out.

Rice and cotton are two good examples of mandatory supply-control programs which have been dropped, Knutson said, calling Stanton's contention that mandatory supply programs once adopted will always be with us, "hogwash".

Stanton said it will not be as easy to get national agreement to a mandatory supply-control system as Knutson indicated and that regionalization is a very strong force which will keep bases in place, once established, and add to the cost of the industry.

Asked what might be a middle ground between mandatory supply management and the current price driven supply control program, both Knutson and Stanton agreed target prices such as are in place for corn, wheat and certain other crops would deal with many of the problems, including competition from non-dairy products.

Both also agreed that consumers are always the big winners with any technology advancement such as bovine growth hormone.

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Mandatory Supply Management: A Dairy Policy Option

The European Community's Milk Quota System

BY BERNARD F. STANTON
Cornell University

The ten countries of the EC, excluding Spain and Portugal who have just joined, constitute the world's largest producing and consuming block for milk and dairy products. With 280 million consumers and 25 million cows, the EC is the dominant force in world markets for dairy products.

The size and importance of the dairy sector in the EC is hard for most Americans to appreciate. It accounts for 20 percent of the value of agricultural production in the Community and affects more farmers, 1.6 million, than any other product. Because milk production consistently outpaced consumption between 1975 and 1984, the EC adopted a mandatory quota program in 1984 to curtail what had become the largest dairy surplus in the world.

Conditions Leading to the EC Quota Program

The adoption of a mandatory quota system for milk production in EC-10 on April 2, 1984, occurred because earlier, less stringent efforts to bring supply into balance with demand had failed. Between 1973 and 75, supply was roughly in balance with domestic consumption plus exports at 80 to 83 million metric tons.

By 1983, production had climbed to nearly 104 million metric tons, about 213 billion pounds, while consumption and exports together remained relatively constant at 82 million metric tons.

A surplus approaching 20 percent of production resulted.

The EC Commission's first new initiatives to balance supply with demand began in 1977 with enactment of a producer co-responsibility levy. A flat rate deduction of 2.5 percent of the target price from all producers' milk deliveries to dairies was used to help pay for disposal and promotional programs.

In 1979, 1980, and 1981, the Commission proposed a super-levy to be applied to milk delivered in excess of defined base quantities, but none of these proposals were accepted by the Council of Ministers. Meanwhile, the size of the surplus continued to grow and the costs of the program to the Community escalated even with a 3 percent cut in guaranteed prices to producers in 1982.

The Commission in September 1983 estimated that in order to offset just the added cost likely to arise if existing guaranteed prices continued, the milk price for 1984 and 85 would have to be decreased by 12 percent. Based on much discussion, the current quota program was adopted six months later.

One reason why it was so difficult to get political support to use reductions in producers' prices to try to balance supply with demand is the structure of the dairy industry in the 10 countries of the EC, and the requirement that any change in legislation requires a unanimous vote in the Council of Ministers.

In the EC, 73 percent of all dairy farms had less than 20 cows in 1983 and accounted for nearly one-third of total production.

In the U.S., 42 percent of the farms had less than 20 cows but accounted for only 5 percent of production in 1982. Politically, small dairy producers of the EC are much more powerful; their net incomes are low and many are located in dis-advantaged areas. It is this large group of more than one million farmers with low incomes who provided the final impetus for the acceptance of a quota system.

Components of the EC Program

The Community in 1984 consisted of 10 sovereign nations, each with its own Ministry of Agriculture and its own set of government institutions.

This necessitated that guaranteed Community total quantities or base marketings be first divided among the 10 nations. Each nation was then given the responsibility to divide up the national base either directly to individual farms or to dairies receiving milk from farmers.

> According to the Commission of the EC, the basic concept was an "annual guaranteed total quantity of milk for the Community as a whole, corresponding in principle to the quantity of cows' milk delivered to dairies and other undertakings treating or processing milk in 1981 plus 1 percent."

Exceptions to this basic rule were made for Ireland and Italy, who were allowed to use 1983 marketings as their guaranteed bases. Most member states chose to base the determination of reference quantities for producers (production bases) on the 1983 calendar year adjusted downward by the appropriate percentage.

The quota system is applicable to all deliveries of cows' milk for 3 consecutive years beginning April 1, 1984.

The flat-rate co-responsibility levy was continued and increased to 3 percent for the 1984 and 85 marketing year.

A "Community reserve" was established to allow member states some latitude in solving local problems in assigning quotas and facilitating the change-over during the first two years.

Separate quota arrangements were established for producers who sold directly to consumers based on their 1981 sales plus 1 percent.

After reference quantities (quotas) were fixed for individual producers for a 12-month period, individual producers were liable for a super-levy of 75 percent of the target price for all production in excess of their respective reference quantities. When the reference quantities were fixed for dairies receiving milk, this levy was set at 100 percent of the target price for any excess marketings. Each individual country was required to enforce collection of the super-levy.

Provision was made for individual countries to establish a national reserve to provide some flexibility for special circumstances when initially allocating individual quotas.

Reference quantities granted to purchasers or producers delivering to purchasers or selling direct to consumers are not freely transferable or saleable. The only exceptions are when a farm is sold, leased or transferred by inheritance. Member states may provide that a part of the quota so transferred be added to the national reserve. Essentially, quotas go with the farm or agricultural holding and become a part of the property rights associated with it.

Individual countries have the right to allocate reference quota to producers out of their national reserves to handle special situations or to permit structural change.

Several countries offer additional voluntary programs to encourage smaller and older dairymen to cease production. While such programs differ by country, they essentially offer one or more annual payments to qualifying producers to stop milk production.

All milk delivered by producers whether as whole milk, cream or manufactured on the farm into dairy products is subject to the quota program. State farms, experimental programs, and all types of production units come under the jurisdiction of the program. If cream is separated and sold, the milk equivalent comes under the mandate of the EC program.

(Turn to Page A28)

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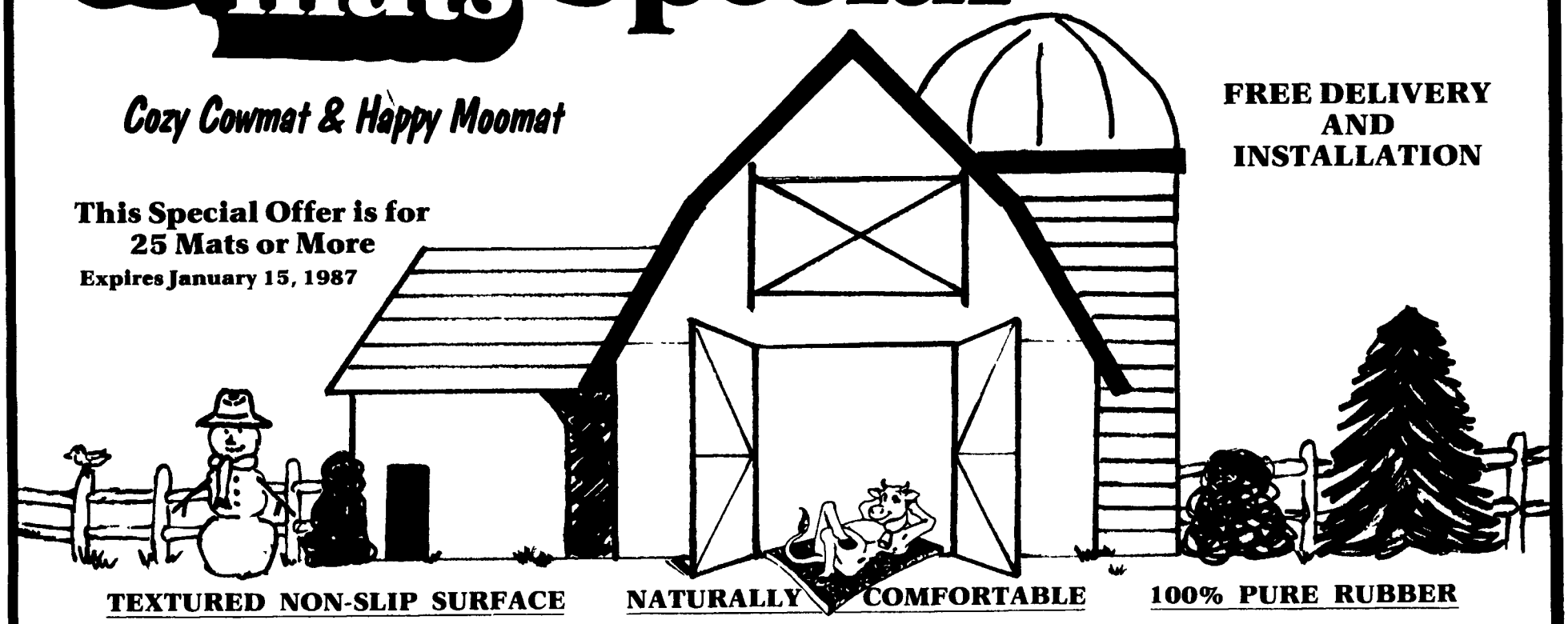

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Worldwide View Given At National Ag Conference

(Continued from Page A1)

year an additional U.S. $2-3 billion will be spent on surplus disposal.

Even in 1984, taxpayers and consumers together were subsidising farmers in the E.C. by up to U.S. $40 billion a year. The subsidy is now significantly higher. These subsidies are costing non-farm European families more than U.S. $900 a year each.

Japanese taxpayers were subsidising farmers at the rate of U.S. $10.5 billion in 1985, but as consumers they were paying many orders of magnitude higher than this. Since 1985, costs of Japanese farm programs have escalated further, because of lower commodity prices and the rapid rise in the value of the yen.

Consumers are paying food prices in Japan that are estimated to be around 60 per cent higher than would be the case if the fall in world prices and the yen appreciation since 1980 had been reflected in internal agricultural prices.

Despite all these costs, farmers in most countries face serious income and financial problems. Bankruptcies continue unabated, and the farm income outlook remains depressed. The situation is as bad or worse in the heavily subsidising countries as it is in those without such an elaborate support apparatus.

Quite apart from the subsidy costs to taxpayers and consumers, farm programs adversely affect national income growth, domestic employment and income distribution. The E.C. alone is estimated to have lost up to a net 1 million jobs in manufacturing and services as a result of agricultural protection.

The most serious indictment of international agricultural policies has been their effects on other countries, on world trade, and on international political harmony.

There has been a dramatic decline of farm incomes in countries dependent upon agricultural exports. These countries make up a large part of the developing world. Even in a developed country such as Australia, real farm incomes have declined by nearly 50 per cent since 1983-84 and export earnings have fallen sharply.

In a world in which many developing countries are burdened with large debts and high interest rates, the crisis in world agricultural trade is contributing to disillusionment with the international economic system.

If existing policies remain in place, it will take a long time for significant improvement in farm incomes and agricultural trade to eventuate. Stocks will remain burdensome well into the 1990s. Farm liquidations will continue and international tension will remain high.

Richard W. Goldberg, Deputy Under Secretary, International Affairs and Commodity Programs, U.S. Department of Agriculture said, "The present U.S. Administration has three specific goals for U.S. agriculture. To freeze the present level of direct and indirect subsidies that directly or indirectly impact on trade and eventually phase them out. To apply no new import barriers and to phase out existing barriers. And to harmonize food, plant and animal health regulations.

"We anticipate some upturn in the volume of U.S. agricultural exports during fiscal 1987," Goldberg said. "Population increases and improvement in some sectors of the world economy–especially in the Pacific Rim–should bolster world demand. And because of the 1985 farm bill, U.S. exporters are now in a position where they can compete more successfully for world markets."

Export values will remain near last year's level as lower prices for program commodities offset the larger sales volume.

Imports are expected to show very little change from last year's level of $20.9 billion.

We will continue to run a positive balance of about $6 billion in our agricultural trade.

While we are unlikely to see a return to the steep growth rates of the 1970s, modest increases in agricultural exports are possible now that the U.S. is once again more price-competitive."

Robert L. Thompson, Global Trends in Agricultural Supply and Demand said, "Wide-ranging supply and demand developments combined in the 1970s and 1980s to increase both the importance of the U.S. in the world market for farm products and the importance of the world market to the well-being of U.S. agriculture. To provide any sort of insight into global trends in agricultural supply and demand, it is essential to briefly review the events of the past two decades.

In the 1970s, developments in supply and demand worked both to expand world agricultural trade and to increase the U.S. share of the market at an unprecedented pace. World trade expanded four-fold while U.S. exports increased six-fold. By 1980, more than one-third of our cropland was committed to producing for export while 2-of-every-5 tons of the farm products traded were produced in the U.S.

Many of the same factors worked in reverse in the 1980s. Growth in world agricultural trade essentially stopped, and U.S. exports dropped one-third. This 55-million-ton drop in U.S. exports, following on the heels of the 1970s 100-million-ton run-up, lies at the heart of many of the problems we face in agriculture today. We are in the midst of a far-reaching restructuring of the sector. Complicating this is the limited ability of the world market to react to swings in global supply and demand without having the sharp price adjustments transmitted to the countries linked to the market.

While the 1985 Farm Bill helped, we need to be vigilant to ensure that U.S. agriculture remains internationally competitive. Fertile soil and favorable climatic conditions account for only part of American agriculture's comparative advantage. Much more rests on the cumulative investments that have been made in agricultural research and extension over the past century. These investments have given American agriculture one of the fastest rates of growth in productivity of any sector of the U.S. economy.

Unfortunately for us, many other countries have caught on to the source of our growth. While our rate of investment in agricultural research has stagnated in the past 15 years, many other countries have substantially increased their agricultural research and development investments. This is closing the productivity gap between the U.S. and other countries' agricultures. So one might say that we now find ourselves on a global technology treadmill and that we must keep investing to maintain productivity growth to maintain our position of predominance relative to other agricultural exporting countries.

(Turn to Page A39)

National Milk Producers Let Dairy Policy Simmer

(Continued from Page A1)

Helms of North Carolina and Patrick Leahy of Vermont, John Melcher of Montana, and Congressmen E. (Kika) de la Garza of Texas, Steve Gunderson of Wisconsin, James Jeffords of Vermont and Charles Stenholm of Texas.

In his address to Tuesday's opening session, Secretary of Agriculture Richard Lyng re-emphasized the administration's commitment to allowing current dairy legislation in the 1985 Farm Bill time to work.

"Leave major public dairy policies as they are right now for a few years," urges Lyng. That included a firm thumbs down to suggestions for a second herd buyout and supply management proposals.

Lyng credited the program effectiveness citing decreasing production, climbing milk prices above the support level, low feed costs, rising commercial disappearance and reduced CCC purchases of surplus products.

The Secretary expressed the administration's strong opposition to milk production quota proposals, predicting they would have disasterous affects on commercial consumption and strait-jacket dairy farmers. He warned the producers to avoid "a race for base," predicting continued support price slashes if milk output spurts upward.

"It's our best chance in years to minimize the hand of the government on dairy farmers by restraining production," suggested Lyng.

In a congressional panel deliberating dairy policy, Congressman Gunderson told producers that the industry must be absolutely unified. "If they come back to congress with proposed changes in dairy policy as the only commodity cutting government support cost while farm prices are increasing, dairy can expect a hands-off attitude from Washington to allow more time for production to balance with demand."

Congressman Jeffords projected that unless producers "get their act together" mandated Gramm-Rudman budget cuts will further slice support levels.

Cuts already scheduled will drop the support price on Jan. 1, 1987 from $11.60 to $11.35. That 25-cent cut will be partially offset in the assessment funding herd buyout under the Dairy Termination Plan.

A further 25-cent support price cut scheduled for Oct. 1, 1987 will also be offset as the remaining 25-cent DTP ends.

Jeffords suggests the industry may be reaching a turning point and a scheduled Oct. 1, 1988 50-cent support price cut to $10.60 may not be needed if CCC purchases can be held under five billion pounds.

Unlike the administration, the Vermont congressman supports consideration for a re-run of the herd buyout program. He says the buyout combined with successful milk promotion efforts and the earlier milk diversion program are responsible for bringing production more in line with demand.

"I want to see farmers benefit from technologies like bovine growth hormone," says Jeffords, "and a buyout would get rid of cattle that would otherwise produce more and result in lower prices."

Congressman Stenholm touched on the industry's most debatable issue, claiming "supply management is not a bad word in my vocabulary — everyone has a different interpretation."

Four separate interpretations were offered during a heavily attended panel discussion Wednesday on supply management options.

"Let it work — it has better potential than 'experiments,'" was the advise of Clyde Rutherford, president of Dairylea cooperative and the nation's dairy policy commission.

The DTP, Rutherford said, is a supply management alternative already showing positive results. An estimated $1.5 billion have already been cut from government dairy spending with a projection of $4 billion in savings on CCC product purchases over the five year period in which buyout program participants may not milk dairy cows.

A quota program dubbed "Save the Family Farm Act" was introduced in the past session of Congress by Iowa Senator Tom Harkin. That plan was outlined during the panel discussion by Harkin's legislative aide George Palmer. Harkin's proposal would implement a production-base program with a support price increase for quota production near 70 percent parity based on a five-year historical average of production.

A price penalty of up to 75 percent on above quota production would transfer surplus production costs to expanding operations. Capitilization or selling of quota bases would be prohibited under Harkin's proposed bill.

Elwood Kirkpatrick, National Milk vice president and of Michigan Milk Producers, offered a two-tier pricing approach as faster and more equitable to farmers with more promise of long-term price stability. A two-tier program would take effect only if CCC purchases exceeded five billion pounds. Producers would receive full price for a percentage of a historic production base and a lesser price for production over that level.

The two-tier plan is not considered a quota program since it would be activated if government purchases reach the triggering five billion pound level. Kirkpatrick recommended the two-tier approach as simplier to administer, uniform to producers allowing no capitilization of bases and a method of permanent restraint on CCC purchases.

The final option outlined by University of Wisconsin Economist Truman Graf is for a voluntary program of target price deficiency payments and assessments also operable if CCC purchases exceed the five billion pound level.

Support price would hold at $11.10. Producers voluntarily cutting production by 5 to 10 percent would qualify for deficiency payments from $11.15 to $11.50 per hundredweight on remaining production. Costs would be funded by producers who choose not to cut production and who would pay a 55 cent per hundredweight assessment on all production.

Under the proposed deficiency payment plan, a producer with 28 cows shipping 1,000 pounds per day would qualify for an estimated annual deficiency payment of $5,318. On 56 cows shipping 2,000 pounds per day, annual payment would reach the doubled figure of $10,636. And an 84-cow herd with 3,000 pound per day production, $15,954. Producers would sign up for such a program only one year at a time.

Target deficiency payments offer a voluntary program with payments partially funded by non-participants with no base, low cost to government, higher return to participating dairymen and are triggered only by over production.

This proposal is the only one to address the touchy regional production issue. In markets where Class 1 utilization is 70 percent or greater, assessments on non-participants could be dropped. And a deficiency payment to encourage production could possibly be added to the price paid non-participants to encourage milk production in deficit areas.

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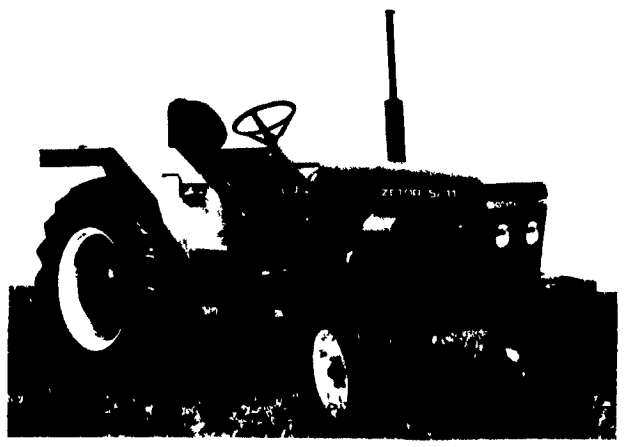

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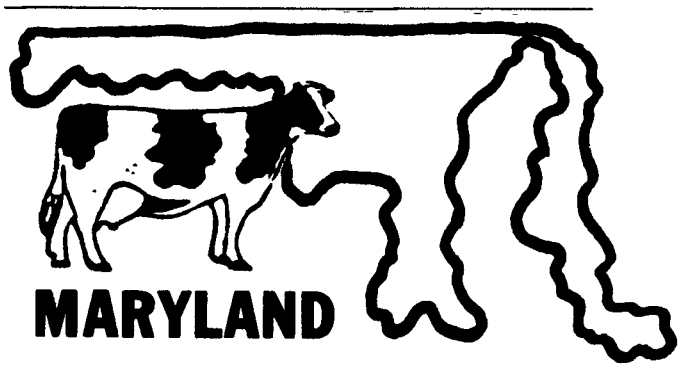


All-Maryland Holstein Winners

FREDERICK, Md. — The Maryland State Holstein office recently announced the winners of the 1986 All-Maryland Contest. Pictured below are the class winners in the open and junior contest.

Winners were selected on a point system. The points were given according to their placings in the two state-wide shows, district shows, county shows and 4-H shows.

The All-Maryland reserve winners in each class are as follows:

Junior calf — Derrwyn Sexy Alice owned by Gary and Brenda Derr.

Senior calf — Windsor Manor Gold Ann owned by Windsor Manor Farm.

Summer yearling — Peace and Plenty Tempo Vanl Vala owned by Richard Schwartzbeck.

Junior yearling — Savage-Leigh Glenview Linda owned by Christopher Savage.

Intermediate yearling — Savage-Leigh Valiant Ella owned by Kelli Ann Savage.

Senior yearling — Savage-Leigh Rorae Chrissy owned by Christopher Savage.

In the milking classes the reserve winners are: Junior 2-year-old cow — Cowlick Bessies SWD Donna Lynn owned by Steven Hobson.

Senior 2-year-old cow — Coldsprings Elevation Neto owned by Marlin Hoff.

3-year-old cow — Del-Myr Milu Kristin owned by Windsor Manor Farm.

4-year-old cow — Peace and Plenty Fal Nancy owned by Shane Schwartzbeck.

5-year-old cow — Coldsprings Bell Kiowa owned by Marlin Hoff.

Aged cow — Terrapin Finley 1287 owned by the University of Maryland.

100,000 pound cow — El-Lyndo Elevation Romance owned by Fair Hill Farms Inc.

Reserve Junior All-Maryland winners are: junior calf — Artie-Jay Bell Rosalynn owned by Robert Johnson.

Intermediate calf — Chestnuts Banner Bootser owned by Samuel Davis.

Senior calf — MD-Dun-Loafin Sexation Beth owned by Paul Harrison III.

Summer yearling — Peace and Plenty SWD Josephine owned by Shane Schwartzbeck.

Junior yearling — Peace and Plenty Fal Lace owned by Wyatt Griffen.

Intermediate yearling — Coldspring Valiant Overt owned by Ian Hoff.

Senior yearling — Savage Leigh Rorae Josie owned by Amy Savage.

Junior All-Maryland reserve winners in the milking classes are: junior 2-year-old cow — Savage-Leigh Correct Kelli owned by Kelli Ann Savage.

Senior 2-year-old cow — Coldsprings Tradition Nova owned by Matthew Hoff.

3-year-old cow — Coldsprings Elevation Nadia owned by Ian Hoff.

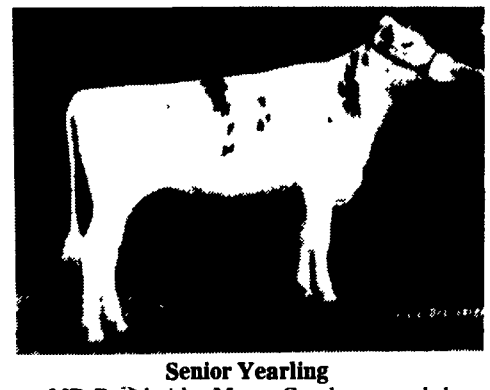
4-year-old cow — Chestnuts Rorae Joann owned by Samuel Davis.

Aged cow — Mendelssohn Shine Sally owned by Darryl David Walker.

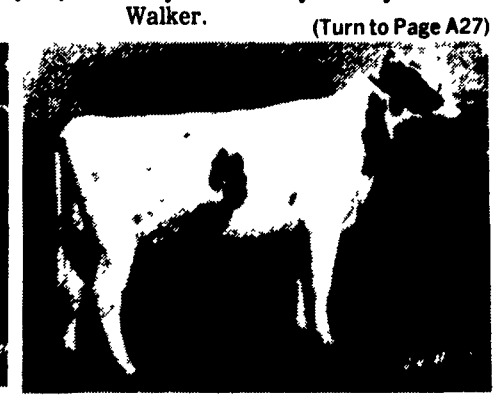
(Turn to Page A27)

Junior Calf
Artie-Jay Bel Rosalyn owned by Robert A. Johnson.

Summer Yearling
Peace and Plenty SWD Josephine owned by Shane Schwartzbeck.

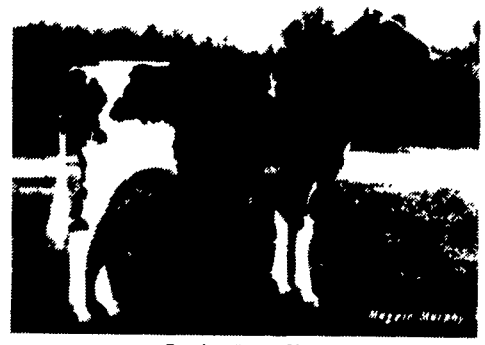


Senior Yearling
MD-Brookside Mars Candy owned by Mr. and Mrs. Thomas Shaw.



3 Year Old
Walkup Sir Chris Crystal owned by Fair Hill Farm Inc.

Intermediate Calf
Del-Myr Tony Alexis owned by Del-Myr Farm.



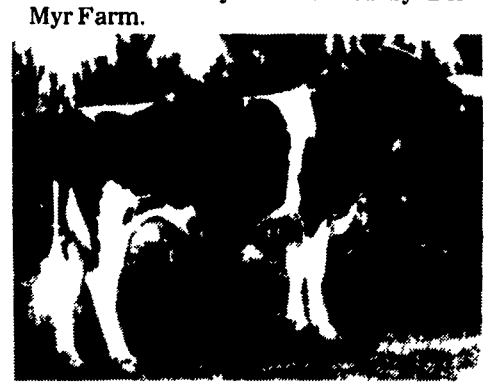
Junior Yearling
Bowenvale Simon Lassie owned by Timothy Traylor.

Jr. 2 Year Old
JDM-Pride Tony Nina owned by Del-Myr Farm.

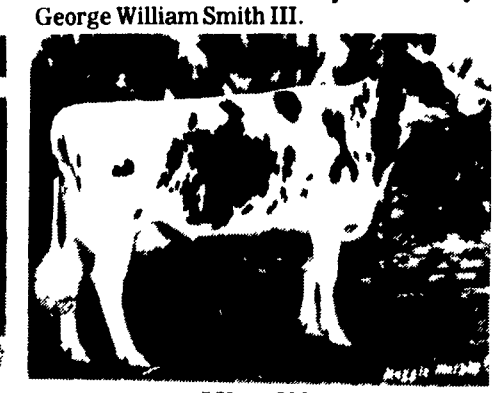
4 Year Old
C Hanover Hill TT Sonja owned by George William Smith III.

Senior Calf
Windsor Manor Tony Katie owned by Windsor Manor Farm.

Intermediate Yearling
Timber Creek Valiant Bambio owned by Roger and Loretta Wright.



Sr. 2 Year Old
C Hanover Hill Success Kim owned by George William Smith III.



5 Year Old
C Wynfield Marla owned by Greg L. Wilcom.

Junior All-Maryland Holstein Winners Posted

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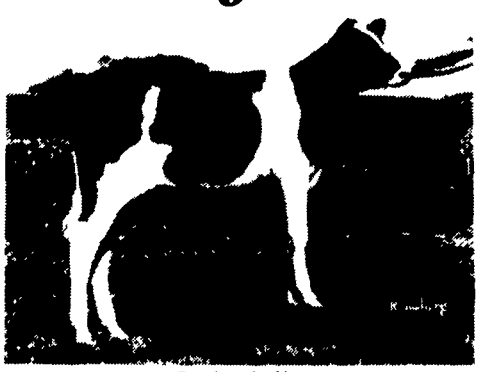
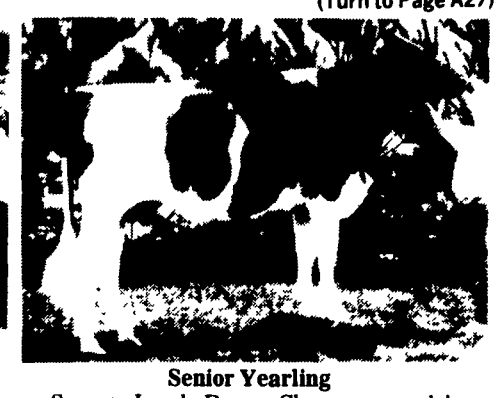


Junior Calf
Peace and Plenty W SWD Justina owned by Shane Schwartzbeck.

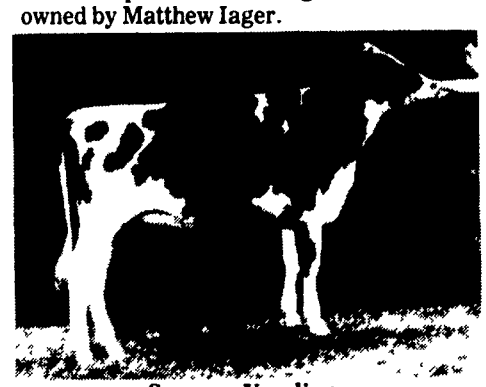
Senior Calf
MD-Maple-Lawn Design Columbus owned by Matthew Iager.

Junior Yearling
Savage-Leigh Glenview Linda owned by Christopher Savage.



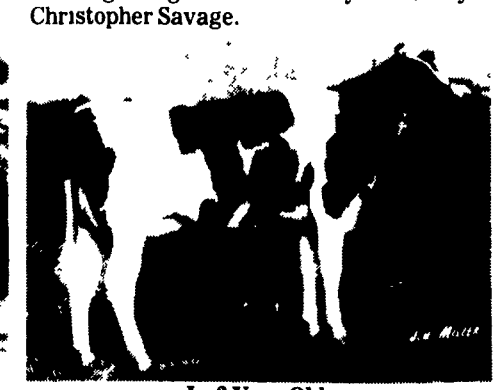
Senior Yearling
Savage-Leigh Rorae Chrissy owned by Christopher Savage.

Intermediate Calf
Henry-H Potts Christina owned by C. Lee Chaney.



Summer Yearling
Ladys-Manor Trump Chair owned by M. Mitchell Quillen.

Intermediate Yearling
Savage-Leigh Valiant Ella owned by Kelli Ann Savage.



Jr. 2 Year Old
Willowcrag Valiant Rorae Pet owned by Jeremy Miller.

PHA Dairy Promotion Contest

STATE COLLEGE – The Pennsylvania Holstein Association's 1986 County Dairy Promotion Contest is coming to a close. The contest, to recognize clubs who do year-round promotion work, covers promotion work done from Jan. 1 to Dec. 31, 1986. The completed report of the Dairy Promotion Committee is due at the Pennsylvania Holstein office by Jan. 10, 1987.

The Dairy Promotion Contest Rules and Activity Report Forms are available from the Pennsylvania Holstein Association. Some things the report should include are the involvement of dairymen and agri-business in promotion efforts, resources used, resulting increases in community awareness in the use of dairy products, and proof that promotional activities are carried out on a year-round basis.

The Pennsylvania Holstein Association is offering $200 awards to the top three county groups who do the best job of promoting dairy products. There is also a $50 award to the group who comes up with the most innovative promotional idea used during the past year. These awards will be presented during the State Holstein Convention at the Sheraton-Crossgates, Wilkes-Barre, Feb. 26, 1987.

If your county group needs an application or more information, please contact the Pennsylvania Holstein Association, 839 Benner Pike, State College, PA 16801, 814-234-0364.

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Junior All-Maryland Holstein Winners

(Continued from Page A26)

Sr. 2 Year Old
Chestnuts Wileeda Jody owned by Samuel Davis.

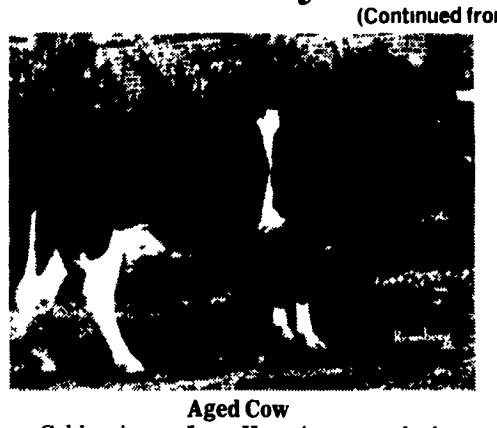
4 Year Old
Peace and Plenty Fal Nancy owned by Shane Schwartzbeck.

3 Year Old
Chestnuts Boots owned by Samuel Davis.

Aged Cow
Mid-Valley Cathy Lite owned by Amy Savage.

All-Maryland Holstein Winners

(Continued from Page A26)



Aged Cow
Coldsprings Ira Kewpie owned by Marlin Hoff.

Jr. Best Three Females
Owned by Savage-Leigh Farm.

Best Three Females
Owned by Windsor Manor Farm.

Maryland Holstein Scholarship Deadline Set

FULTON, Md. – The scholarship Committee of the Maryland Holstein Association has set December 31, 1986, as this school year's deadline for submitting scholarship applications. These scholarships have been made possible by donations of Maryland Holstein breeders and friends.

The scholarships that are currently available are two- $500 University of Maryland College of Agriculture scholarships; two- $500 University of Maryland Institute of Applied Agriculture (two-year-program) scholarships; and two- $500 scholarships to juniors or seniors enrolled in agriculture at the college of their choice.

Applicants must have carried a 4-H or FFA Holstein project. All applications will be considered, and winners will be notified in early January.

Prospective applicants are encouraged to write or call the scholarship committee chairmen for an application: Judy and Charles Iager, 8115 Murphy Road, Fulton, Maryland 20759, (301) 725-6751. Applications are then due by Dec. 31.

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Jackson, Brown Split Fayette DHIA Recognition

UNIONTOWN — Jackson Farms, New Salem RD 1, garnered the award for high herd in milk, fat and protein at the recent Fayette County Dairy Herd Improvement Association annual meeting. The New Salem dairy won the award for a herd average of 19,647 pounds of milk, 702 pounds of fat and 602 pounds of protein on 126 cows.

Edward Burnworth, Confluence RD 1, received recognition as the second high herd in all three categories. His herd of 70 Holsteins averaged 18,595 pounds of milk, 650 pounds of fat and 595 pounds of protein.

The awards for greatest improvements in milk, fat and protein production went to Walter Brown, Connellsville RD 1. He improved the herd average of his 82 cows by 2,396 pounds of milk, 77 pounds of fat and 82 pounds of protein.

Brown also copped the award for high cow lifetime production. His aged cow completed a lifetime production of 182,008 pounds of milk, 6341 pounds of fat and 1,511 pounds of protein in 11 lactations.

Ralph Hay, Mill Run RD 1, received the award for the lowest somatic cell count in the county, 62,000. This low number ranks Hay's herd as the second lowest in Pennsylvania.

Richard Barth (second from left), Pennsylvania DHIA general manager, presents William Jackson of Jackson Farms with the award for top herd in Fayette County for milk, fat and protein. Also honored at the association's annual meeting were Ralph Hays, lowest somatic cell count, and Walter Brown, most improved herd.

Kamp Farms, Confluence RD 2, the third high herd for milk, fat and protein in the county, owned the top cow in all three categories for the year. Their 5-year-old Holstein out-produced the other cows on test with a 305-day lactation of 26,816 pounds of milk, 1,102 pounds of fat and 914 pounds of protein.

The Fayette County DHIA finished its 57th year with 25 whole year herds and 1,558 cows averaging 15,865 pounds of milk, 561 pounds of fat and 504 pounds of protein.

Four Herds Share McKean DHIA Honors

SMETHPORT — Four herds split the top production honors at the recent McKean County Holstein/Dairy Herd Improvement Association annual meeting.

Charles Irons, Smethport, received the award for high fat average. His 82 cows averaged 19,645 pounds of milk, 787 pounds of fat and 639 pounds of protein. He also copped the largest protein increase award with an improvement of 108 pounds.

John and Lester Lapp, Port Allegany, reaped the top awards for milk and protein production with a herd average on 58 cows of 21,321 pounds of milk, 761 pounds of fat and 667 pounds of protein.

Thomas Spees, Shinglehouse, and Orton Kinney, Port Allegany, were also recognized for their herd averages.

Spees completed an average of 20,233 pounds of milk, 754 pounds of fat and 644 pounds of protein. This average improved by 3,160 pounds of milk from 1985 to earn Spees the most improved herd award.

Orton Kinney's herd average improved by 3,103 pounds of milk from 1985 to its 1986 average of 20,743 pounds of milk, 751 pounds of fat and 635 pounds of protein on 28 cows.

Other herds registering increases over 1,000 pounds of milk include: Ken and Doug Comstock, 2,979; Charles Irons, 2,906; John Lapp, 2,005; Mantz Farms, 1,841; James and Eleanor Tanner, 1,828; Matthew Windsor, 1,541; Stratton Farms, 1,389; and Paul Althouse, 1,387.

Safe-Rock Farm, owned by John and Florie Lapp received the Holstein farm of the year award. The Lapp's recently doubled the size of their registered Holstein herd and maintained an average of 21,321 pounds of milk, 761 pounds of fat and 667 pounds of protein.

Management Supply

(Continued from Page A23)

Experience with the EC Program

The quota program completed its first year of operation in April 1985. In 1983, milk deliveries for EC-10 had amounted to 103.7 million metric tons. In the transition year 1984 and 85, the guaranteed total for the Community was set at 99.024 million tons. In 1985 and 86 and subsequent years, the production base was 98.152 million tons.

The required reductions or changes in the first year that quotas were imposed amounted to more than 4 percent of marketings for the Community as a whole. In some countries like the United Kingdom and the Netherlands reductions of more than 9 and 8 percent were required, respectively.

The imposition of quotas halted the steady increase in milk production in the EC in 1984 and 1985, and at the end of the second year, April 1986, the guaranteed total of 98.177 million tons was essentially met.

The size of the penalty for overquota deliveries has been a strong deterrent to additional production by individual producers. Thus, the gap between production and consumption in all forms plus commercial exports has been stabilized. There remains a difference of more than 12 million metric tons between consumption at 86 million and quota production of 98 million.

With a very large and complex system to administer, involving 10 quite different member states, the EC Commission is quite hopeful about the operational strength of the new program. A report to the Council of Ministers is required on the operation of the levy system and the program at the end of the 1986 and 87 operating year.

It is too early to know how effective the social and political pressure among participating countries has been in enforcement of all the elements of the program.

The very existence of the Common Market concept requires strict adherence to the rules and mandates as promulgated. National governments are responsible for administration and reporting on a regular basis to the Commission.

The allocation of the global quota to 10 countries essentially freezes the proportions of Community production into the pattern of 1981. Because quotas are tied to farms or agricultural holdings within countries, except for portions acquired in national reserves, patterns of production within countries are essentially fixed at least over the five years of the program to April 1990.

It is too early to draw many conclusions about the new system or its performance. Production was reduced in the first year very nearly as targeted. A substantial gap between production and consumption remains despite the quota. Not much friction has arisen as yet because quotas are not freely transferable.

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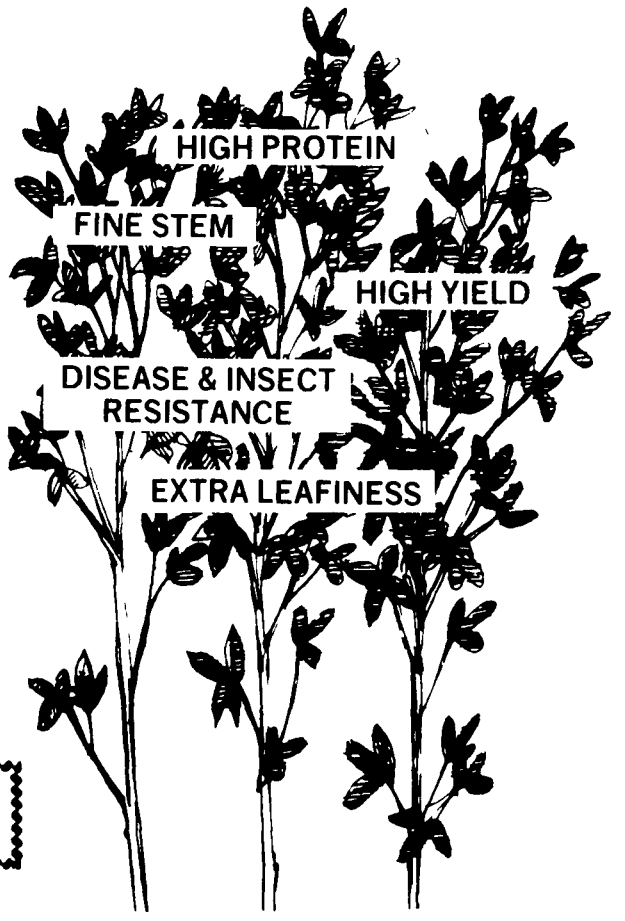

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Season's Treatings Bring Dairy Best To Holiday Season

TOWSON, Md. — American Dairy Association and the Middle Atlantic Milk Marketing Area are kicking off the 1986 holiday season with a host of dairy specials in their Season's Treatings promotion.

In one of the biggest all-dairy product promotions outside of June Dairy Month, ADA and MAMMA are hosting a seasonal special for milk, butter, eggnog, cheese, sour cream and whipped cream.

"People want to treat their families and treat themselves, so naturally they buy the very best — real dairy products for all their holiday cooking," said Grover Simpson, ADA vice president, marketing services.

Karen Roepken, senior vice president of Marketing and Economic Research, agrees. "Our attitude and usage research show that consumers believe dairy products are high quality, natural products. When they entertain, they like to serve the best to their guests and that includes dairy foods. Reflecting this preference, butter sales peak during the Thanksgiving-Christmas period. Not surprisingly, eggnog sales increase as well."

This year's holiday promotion includes colorful point-of-sale banners, mobiles, dairy case flags and price channel cards. Pictured in full color on these cards are seven delicious holiday dairy recipes, created by the ADA test kitchen. They are Classic Butter Cookies, Eggnog Cream Puffs, Whipped Cream Wreath Cake, Cranberry Sour Cream Mold, Glorious Cheese Bells and English Butter Toffee Bars.

New plastic recipe holders display the Season's Treating recipe booklets, free to local grocery store customers. Selected Season's Treatings recipes will also be featured on the side panels of millions of milk cartons, scheduled to appear in grocery stores nationwide, starting in the middle of November.

ADA is utilizing a new point-of-sale display for the first time — a light trap. This fixture captures light from the dairy case fluorescent tubes and filters the light through display panels.

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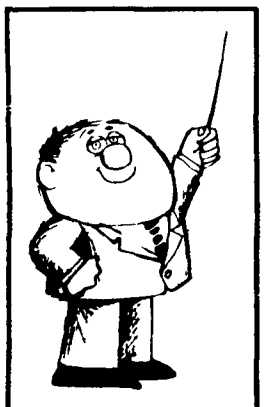

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The Dairy Business

By Newton Bair

Water, Ice and Frozen Pipes

When the cows begin bawling at the frozen trough or stand licking a dry water bowl, winter hits us between the eyes. Winter always brings special problems, governed by the physical laws of solidity and liquidity.

Ice on the water trough was not hard to cope with in days of yore. Break it up and sling it aside to expose plenty of unfrozen drink for the cows. We even heated a boiler of hot water on the kitchen stove to warm it up. Cows showed their appreciation by slurping the trough dry and looking for more.

Whether they gave more milk because of it is open to question. At least our ego was satisfied by the extra exertion, knowing that hard work might produce a feeling of puritanical virtue if nothing else. Thawing out frozen pipes and cups came much, much later, and is a whole 'nother story' which is all too familiar to all dairy families.

'Twas a job for the kids, that one of going around after dark to empty all the water fountains, drain the radiators, and hook up the heat tapes. The only reminder was a sharp "now don't forget . . .", and it was up to you to remember every last crock to be emptied, every tin water fountain to be inverted, which tractor didn't have antifreeze, and where to hook up a heat tape. The water trough had to be emptied, if the cattle hadn't already drunk it dry before the evening milking. Otherwise, they would be confronted with a solid cake of ice come morning.

The water line to the barn never froze, even though it was not buried below the frost line. The source was a spring located in the woods above the house. As long as no valve was turned off, water flowed freely, supplying both house and barn by the free energy of gravity. After reaching its terminus at the milk house, it simply flowed into the shallow pond below the wagon shed, and there it froze.

Even in those long ago days, we had a frost-proof hydrant in the hog pen. Activated by a long tap, the valve was well protected under the feed entry floor. There was a long wait after turning the handle, while the water gurgled up through the hydrant, finally spurting out into the trough like a fountain.

It was always good for a quick shower, at a time when a bath was least appreciated.

The hydrant never froze, but the feeding entry floor was a study in icy abstract sculpture, pock-marked with grains of corn and oats, all winter.

I'll never forget the fall that cousin George brought his 1926 Overland out to the farm to fill the radiator with 'good spring water.' "You see, spring water doesn't freeze, does it?" (Not in the spring itself, anyway). So, it follows that spring water should be the stuff to use in the radiator come cold weather.

Well, no amount of argument or logic could change his mind on the subject, so the family went to supper while he blissfully filled up the old Overland's radiator with spring water.

Later, when Papa met George at the garage having the engine block replaced, he was advised to fill-er-up the next time with some of Uncle Jake's hard cider. That would have at least a little anti-freeze in it. Raspberry wine might have more anti-freeze, but was too good to waste on the Overland, so it wasn't offered.

Ethanol for the radiators, heat tapes for the exposed pipes, and frost-proof fountains, all help to keep the water liquid. Even a dripping tap on a zero night could save a heap of trouble.

A barn full of cattle can generate a lot of heat, but we haven't yet learned how to cash in on it. We blow it out the window trying to keep the cows cooled down. What a waste of heat! Let's work on that, while we try to get through the winter without frozen pipes.

Williams Tabbed AJCC-NAJ Jersey Area Representative

COLUMBUS, Ohio – The hiring of two new staff members, and the reorganization of staff responsibilities have been announced by Maurice E. Core, executive secretary for The American Jersey Cattle Club and National All-Jersey, Inc.

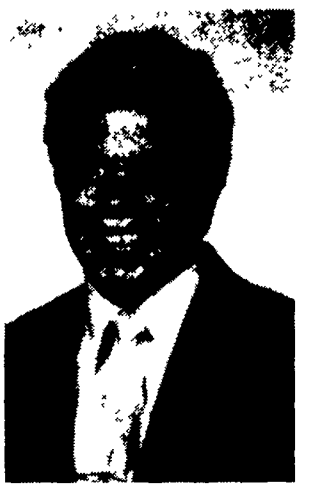
J. Craig Williams, December graduate of Pennsylvania State University, will assume the duties of AJCC-NAJ Northeast Area Representative on Jan. 1.

Williams has an extensive background in registered Jerseys, having been raised on Bryncoed Farm, a 140-cow Jersey dairy. He is the son of Tom and Tiz Williams, Middletown, Pa.

Williams majored in dairy production at Penn State. While there he was active in the Dairy Science Club and president of Delta Theta Sigma, a professional/social agricultural fraternity. He has also been vice-president of the Pennsylvania Junior Jersey Cattle Club and chairman of the fun breakfast for juniors attending the 1985 AJCC-NAJ Annual Meetings in Lancaster, Pa.

As a 4-H member, Williams was president of the Dauphin County 4-H Dairy Club and participated in exchanges with 4-H members from three other states.

Williams has experience as a milk tester for Pennsylvania DHIA and a research assistant for a milkfat variation study conducted at Penn State. He has also developed a mastitis cost program that is currently under review by the Pennsylvania Computer Extension Network.



Craig Williams

Larry L. Wolfe, Cary, N.C., will join the AJCC data processing department in Columbus, Ohio on Jan. 1. An August graduate of Wake Technical College, he has an associate degree in business computer programming. While a student, he was also a junior computer programmer at the Dairy Records Processing Center in Raleigh, N.C.

Wolfe was herdsman at Bush River Jerseys in Newberry, S.C., nor nearly five years before completing his degree at Wake Technical. He has also been herdsman at Tri-D Acres in Illinois, and Senn-Sational Jerseys and Headspring Farm in South Carolina. While a bull herdsman at Illini Sire Service, Wolfe conducted on-farm AI training schools.

Cari W. Wolfe, current AJCC-NAJ Southeast Area Representative, will become Coordinator of Domestic Sales with Jersey Marketing Service on Jan. 1. In this capacity, she will be responsible for coordinating JMS public and private treaty sales in the United States. She has also been named Genetic Improvement Coordinator to work closely with breeder cooperatives proving Jersey young sires.

Wolfe joined the AJCC staff in late 1981. She holds a B.S. degree from Virginia Tech and an M.S. in animal science from North Carolina State University. In addition to her duties as an AJCC-NAJ Area Representative, she has been involved in research summarizing data from the AJCC type appraisal program. She has been a leader in the formation of the Dixieland and Liberty Jersey sire proving cooperatives.

Brenda Spence, who joined the JMS staff in the fall of 1985, is promoted to Associate Coordinator of Domestic Sales. Larry R. Kempton assumes responsibility for JMS cattle sales to foreign countries as Coordinator of Export Sales and Market Development.

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Dairymen Face $5.2 Million Decision

(Continued from Page A1)

National dairy board.

Of the dairymen interviewed, 80 percent indicated that dairy farming was their major source of income. A profile of their farms showed 28 percent had 80 cows or more, 39 percent had between 50 and 79 cows and 33 percent had 49 cows or less. Also, 53 percent shipped to dealers, 42 percent sold through co-ops and 5 percent shipped to juggers.

Five federally approved promotion programs serve Pennsylvania dairymen. Three of these programs receive funding automatically, unless otherwise specified, through the federal orders. The other two programs, Pennsylvania Dairy Promotion Program or the Allied Milk Producers promotion program in the Greater Johnstown-Altoona area, rely on dairymen redirecting their support from the Order programs.

In Federal Order 2, dairymen support the American Dairy Association program located in Syracuse, N.Y., unless they tell their milk dealer or co-op to redirect their 10 cents to a local promotion program. For Pennsylvania dairymen in Order 2 the local program includes PDPP and the Allied Milk Producers.

Unlike farmers in Orders 4 and 36, they may make this change throughout the year and need only inform their milk dealer of their decision. At that point it becomes the responsibility of the dealer to notify the market administrator.

Federal Order 36 in western Pennsylvania operates similarly to Federal Order 4 in regard to how dairymen redirect their promotion dollars.

They must specify in writing in order to contribute to a different program than the federal order program. The Mid-East UDIA promotional program serves Order 36.

Between June 1 and 15 dairymen in this Order must designate the promotion program they wish to send their 10 cents to. Making a decision concerning the appropriation of the 10 cents during these two weeks allocates the money for the upcoming fiscal year.

By making the designation between Dec. 1 and 15, dairymen in Order 4 also direct their promotion money to the program of their choice for the entire 1987 fiscal year. The change must be made yearly or the promotion dollars revert to the Federal Order programs.

Dairymen in both Orders may also make the change during the first two weeks of each quarter by sending written notification to the market administrator.

Milk producers in Pennsylvania have a choice. They may permit their promotion dollars to follow the milk to market by supporting the Federal Order programs, or they may contribute to one of the two promotion programs in Pennsylvania where their milk is produced.

Based on the latest milk production figures from the Statistical Reporting Service, milk producers in the Federal Order 4 areas of Pennsylvania will contribute an estimated $5.2 million next year to PDPP and MAMMA.

"The importance of dairy promotions and the amount of funding involved warrant close attention by our dairymen to the matter of choice confronting them," Grubb said.

Grubb credited the recent upswing in milk prices in part to the dairy promotion financed by the dairymen.

Statewide, Pennsylvania dairymen pay out more than $14 million each year for advertising, promotion and research, with an estimated $9.2 million allocated to local and regional programs.

Farm Calendar

(Continued from Page A10)

Franklin County Conservation District meeting, 9:30 a.m., Franklin County Administration Building, Chambersburg.

Tuesday, December 9

Winter Forage Meeting, Maryland-Delaware Forage Council, Hartly Fire Hall, Hartly, Del.

Lancaster County DHIA banquet, Good and Plenty Restaurant, 11:30 p.m. For reservations, call Jay Mylin, 665-5960. Also on Dec. 10.

York Extension Meeting; Topic: Sodbuster provisions, Dover High School, 1 p.m. Kennard Dale High School, 7:30 p.m.

Farm Account Recordkeeping and Computer Software Meeting, 7:45 p.m., Ephrata High School Agriculture Department.

Wednesday, December 10

Penn State Dairy Computer-Management Conference, Sheraton Penn State, State College. Contact Joe Hlubik, 814-863-3912.

York Extension Meeting; Topic: Sodbuster Provisions, Farmers Bank and Trust, Baltimore Street, Hanover, 10 a.m.; York Extension office, 1 p.m.

Thursday, December 11

Golden Harvest Sale, Lebanon Fairgrounds.

N.J. Grain and Forage Producer's Association meeting, Mercer County Extension office, Trenton, 8 p.m. Call 788-1339 to carpool.

Friday, December 12

Pa. Egg Marketing Association meeting, Old Hickory Inn. Social hour, 6 p.m.; dinner, 7 p.m.; meeting, 8 p.m.

Saturday, December 12

Pa. Flying Farmer Christmas party, 6 p.m., Belleville Mennonite School.

Tuesday, December 16

Rutgers Pest Control conference; field, forage and vegetables; Quality Inn, U.S. Route 1, North Brunswick; continues tomorrow.

Ephrata Area Young Farmers Association Christmas party, 7:30 p.m., Ephrata Junior High School.

Wednesday, December 17

13th Annual Mid-Atlantic No-Till Conference, York County Fairgrounds.

Thursday, Dececember 18

Mid-Atlantic No-Till Meeting, Timonium, Md.

Vegetable Management Seminar, Blue Ball School, 6:30 to 9 p.m.

Friday, December 19

Keystone Shepherds Forum, Ramada Inn, Somerset; continues through Dec. 20.

USDA Terminates Wheat Research, Education Order

WASHINGTON – The U.S. Department of Agriculture has announced the termination of the wheat and wheat foods research and nutrition education order.

The termination of the order is in accord with the unanimous opinion of the executive committee of the Wheat Industry Council, according to Paul M. Fuller, an official of USDA's Agricultural Marketing Service. Under the order, administered by the council and in effect since 1981, wholesale bakers and other wheat product manufacturers have collected assessments of one cent per hundredweight on their purchases of processed wheat to finance the nationally coordinated research and education program.

Fuller said that refunds of assessments, available to those bakers and manufacturers not wishing to fund the program, have trended steadily upward during the five years of the order's operation, and that refunds ran about 40 percent of total assessments collected during the past fiscal year.

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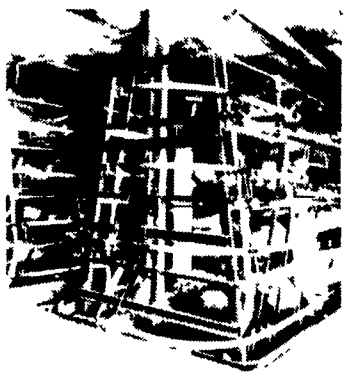

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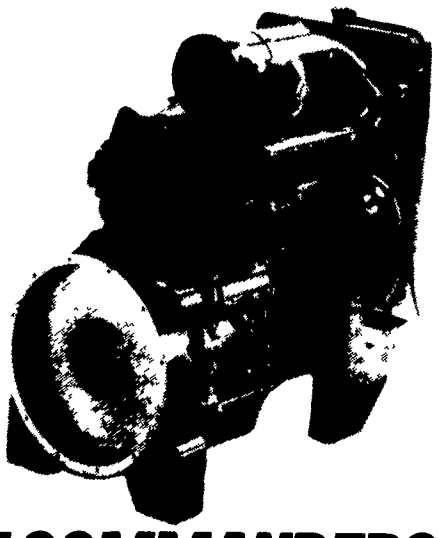

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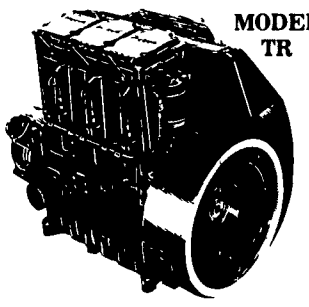

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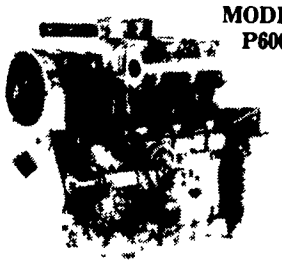

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PDA Entomologist To Receive National Award

HARRISBURG — The Entomologist Society of America will honor a Pennsylvania Department of Agriculture entomologist for "an impressive record of contributions to American horticulture" at its annual meeting Dec. 7 to 11 in Reno, Nev.

Dr. A.G. "Al" Wheeler Jr., associated with PDA since 1971, will receive the society's Distinguished Achievement Award for Regulatory Entomology at the opening session on Dec. 8.

The organizations, representing some 9,000 entomologists from private industry, land-grant universities and governmental agencies, presents two other distinguished service awards each year, one for teaching and the other for extension work.

Wheeler became a nominee for the national honor after the society's Eastern Branch selected him as its top regulatory entomologist earlier this year. It marked the third time that he had won the Eastern Branch award and was its nominee for national recognition; he was similarly honored in 1981 and 1982. The regional group includes entomologists from the New England and Middle Atlantic states as well as Virginia and West Virginia.

In addition to receiving the award, he will present two papers at the conference, the first on the importance of routine field surveys in detecting foreign insects and the second on a plant bug associated with honeylocust trees.

The 42-year-old Wheeler has discovered and reported 10 European insects previously unknown in North America.

The national ESA Newsletter, in reporting the awards, said "Wheeler has compiled an impressive record of contributions to American horticulture." The publication cited his achievements in the past 10 years and concluded, "Few people have surpassed him in terms of productivity in regulatory entomology in such as short time. He attacks problems with optimism and boundless energy."

He is a frequent speaker, not only at meetings of entomologists but for trade groups as well. His versatility carries over to publications. In less than 15 years he has authored more than 150 scientific papers and popular articles.

Wheeler has also participated in cooperative efforts to combat destructive insects through the release of natural enemies, including the federal and state program that released parasitic wasps to combat the cereal leaf beetle.

In addition to his work at the state and national levels, he serves as an adjunct professor with the Pennsylvania State University.

30 YEARS AGO
THIS WEEK

— Christiansted, St. Croix, Virgin Islands . . . "Quarryville? We have relatives at Refton!"

Such is the greeting encountered on the West Indian island of St. Croix, one of three of the Virgin Islands visited in a ten day tour by plane, auto and boat, winding up in Puerto Rico.

Throughout there was surprise: like to Lancaster County affinity in the most eastern point of U.S. property; like the terrific progress Puerto Rico is making under its Operation Bootstrap, of "Fomento," as they call it, fomentation, fuel, building; like the visit of the liner Stockholm with its new bow, on its first Caribbean cruise since its collision with the Andre Doria.

— Selection of Future Homemakers of America chapters in nine Pennsylvania high schools to prepare special window exhibits for display during the 1957 Pennsylvania Farm Show Jan. 14-18, was announced Monday.

— Three more counties have been added to the State's honor roll of certified brucellosis-free areas, State Agriculture Secretary William L. Henning announced today.

Each has achieved highest recognition in the Commonwealth's 34-year battle against the most bothersome of all cattle diseases — certification from the state and federal departments of agriculture.

— Washington . . . Europe will need increased imports of food this season as a result of a harvest reduced by freezes early in 1956, and bad weather at harvest time. The 1955-56 growing season started well, and in most countries acreage sown by January 1, 1956, equaled or exceeded the area sown a year earlier. The entire Continent experienced exceptionally cold weather in February and early March, however. Most regions had enough snow cover to protect field crops, but in France, the Low Countries and Switzerland large acreages of the fall-sown crops were killed. In Sweden, the winter rapeseed crop was almost wiped out.

— Over ten percent of the United States population suffers at least one cold per "season" — a total of over 130 million cold sufferers annually. This is according to officials of Grove Laboratories, Inc., the world's largest manufacturer of cold tablets.

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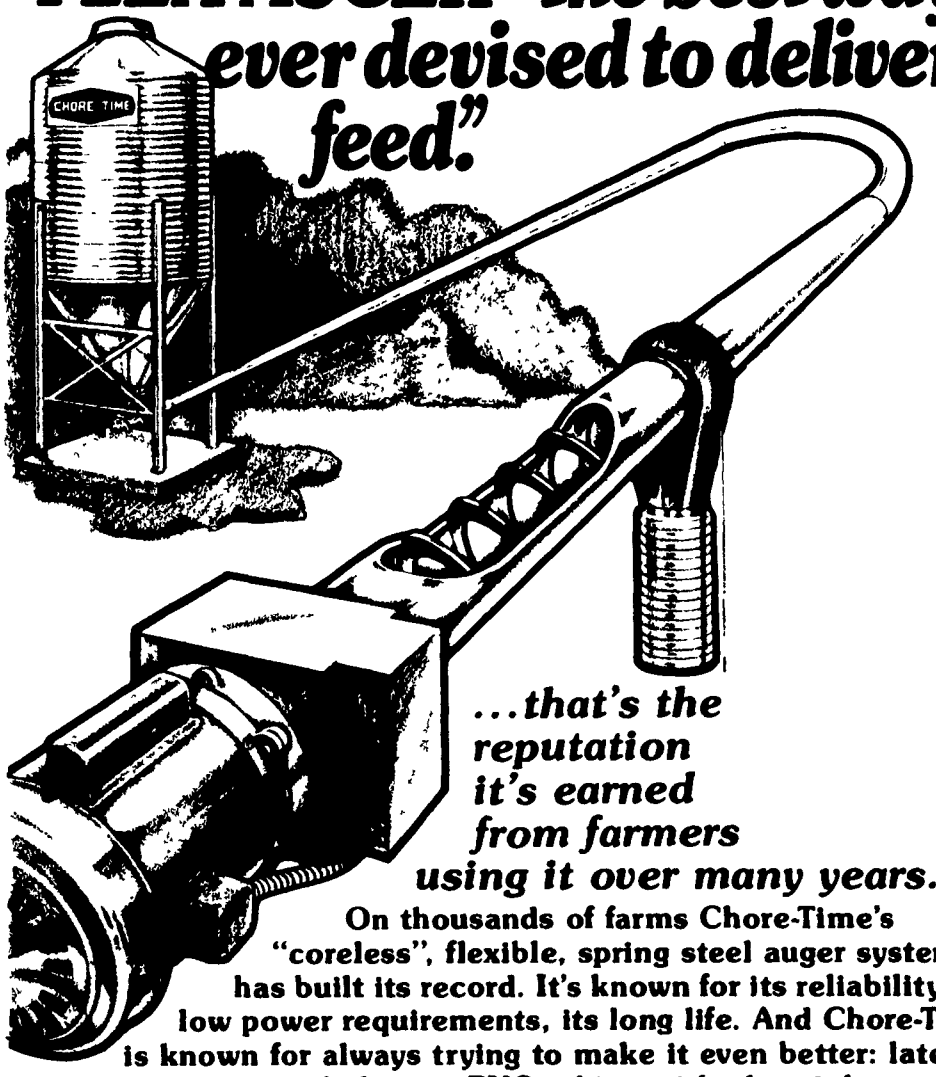

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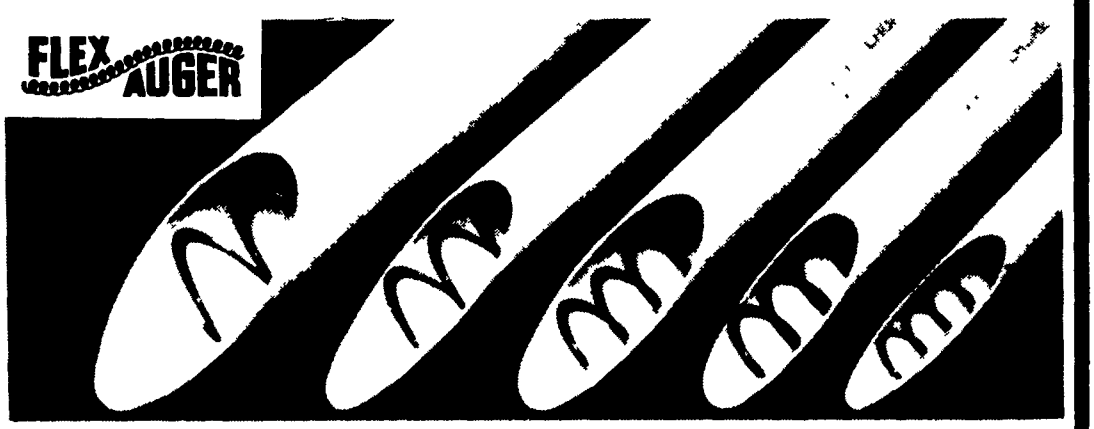

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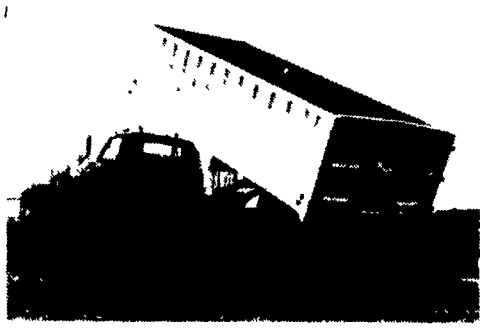

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Experts Split On Feasibility Of Supply Management

BY MARTHA SHELDON
New York Correspondent

SYRACUSE — "In my humble opinion, the chances of getting a new farm bill through Congress before 1990 are zero," says Rep. James M. Jeffords, R-Vt., who serves on the House Agriculture Committee and the Dairy Subcommittee.

Jeffords delivered his prediction to more than 150 farmers, milk handlers, economists and reporters attending Cornell University's recent conference on Supply Management Programs for the Dairy Industry.

Giving the historical perspective on U.S. dairy policy — "how we got to where we're at and where do we go from here," were: Judd Mason, former director of economics, National Milk Producers Federation; Hollis Hatfield, director of dairy department, American Farm Bureau; and Robert Jacobson, professor, department of agricultural economics and rural sociology, Ohio State University.

The three traced the history of dairy programs, indicating that in times past, as in the present, when milk surpluses abound and prices drop, farmers press for some sort of supply management program. To date, only voluntary programs have been instituted in this country, and they have worked with varying degrees of success. At other times, price has been used as the sole supply-management tool.

Edward Jesse, professor and chairman, department of agricultural economics, University of Wisconsin-Madison, discussed the design and implications of the major dairy supply management programs — present and proposed.

He compared the Canadian industrial milk program, which is a national program, with the European Economic Community program, still in its infancy, the California milk quota system which uses quotas to assign marketing rights to the higher-priced fluid market, and the Harkin "Save the Family Farm Bill" program, which was introduced in the 99th Congress and is expected to be re-introduced into the 100th Congress next year.

Jesse noted that most developed countries are now using a quota program. "There is no reason a quota system can't be used in the U.S., but it can't be very simply applied. It needs a lot of research and a lot of planning."

Stephen Kerr, legislative aide to Jeffords, described the winners and losers he envisions under the Harkin supply-management program, with respect to farmers, the ag industry, consumers, overall economy, and government.

Amongst farmers, the winners will be those with bases, those who don't want to grow, and regions without a surplus. In the ag industry, Kerr said it's hard to see any winners and the losers "may be many more than we care to admit."

Consumers may be the losers under the Harkin Bill, said Kerr, except those who are taxpayers, and they may be winners.

As far as the economy is concerned, Kerr was uncertain who would be the winners and losers. For sure there would be a loss of exports due to higher, non-competitive prices.

And when it comes to government, the bureaucracy and politicians will be the winners and the losers will be "anyone not very adept at manipulating those two groups of people," Kerr said.

Jeffords is not sure the country needs an alternative to the present dairy program. He said the milk promotion program is working, the diversion program worked, and the present farm bill is saving taxpayers $6 billion in surplus purchases. The new tax bill may add other benefits to farmers, he said.

While Jeffords urged dairymen to join RCMA to get over-order prices for their milk, he acknowledged that there are some things he doesn't like about the present farm bill, specifically the price support cuts set for 1988 and 1989.

The reality of the political climate is that the present administration is death on the Harkin bill and quotas, Jeffords said.

Dairy policy in the last five years has been dictated by the deficit and deficit reduction more so than by agriculture concerns, said Jeffords. And as far as the deficit goes, next year will be worse, he predicted.

The recent shift in the Senate from a Republican to a Democratic majority may "lead to game playing," said Jeffords. With the '88 presidential election in sight, the Congress may pass the Harkin bill, counting on President Reagan's veto, which it will not override.

Whatever the games played, Jeffords said, "I will bet you the Harkin bill will never be enacted into law."

He cautioned farmers against borrowing money to establish a high base. They may end up with more debt and less income when the Harkin bill fails to become law and the current farm bill reduces support prices.

Jeffords advocates fixing the present bill by eliminating assessments, removing the price support reduction, and making mandatory another diversion program or another whole herd buyout.

He would like to institute target prices and deficit payments, and ease the government out of the support program.

Edward Jesse, University of Wisconsin agricultural economics professor, said, "There is no reason a quota system can't be used in the U.S., but it can't be simply applied." He made these comments at the recent supply management conference hosted by Cornell University.

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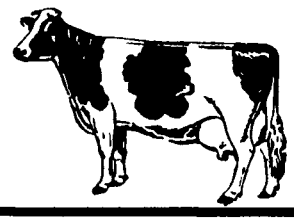

Reports from six sales for the week of Nov. 24 to Dec.2 showed 595 head averaging $1,548.67. The top prices at the sales ranged from $72,000 to $2,750. Here is a brief look at the results of these sales.

HOLSTEIN

The NEW YORK BREEDERS SALE averaged $1,358.87 head.

The high bid of the day, $2,750, came on a red 2-year-old Glenafton Enhancer daughter. Just fresh, she sold to Stonehurst Farms, Strasburg, Pa. Her dam, bred by Maplebound Holsteins, Parkesburg, Pa., classified 3E 93. Sired by Maplebound Gentle Ben, her top record stands at 25,000 pounds of milk.

A September calf by Hanover Hill Starbuck sold for $2,350, the second high price of the sale. Danny Welk, Strasburg, Pa. was the successful bidder.

Her dam is an 87-point daughter of Sun Valley Sensation Neil. She produced a top record of 33,330 pounds of milk and 1,449 pounds of fat in 365 days. She owns a fat index of plus 52. The next dam classified VG-87 with Gold Medal status and a top record of 28,000 milk and 1,000 fat.

Jay Howes of Backus Associates, sale managers, noted that the median for the sale came as close as possible to the sale average.

The sale was hosted by the Cornell University Dairy Science Club. Auctioneers for the sale were Michael Weimer and Harry Bachman. Horace Backus read pedigrees. The New York Holstein Association co-managed the sale.

The SMITH MEAD HOLSTEIN SALE held in Maryland averaged $1,328 on 119 head.

Topping the sale with a bid of $10,200 was a VG-87 2 year old by Valiant. She placed second in the 2-year-old class at the Eastern National Show and first in the 2-year-old class at the Maryland State Show and the Maryland Spring Show.

She is backed by six generations of Very Good and Excellent dams with records over 20,000 pounds of milk.

A 4 year old registered as the second high price of the sale at $5,500. Sired by Triple Threat, her show placings include: second in the 4-year-old class at the Eastern National Show, third in the 4-year-old class at the Royal Winter Fair, first place and best udder in the 4-year-old class and reserve grand champion of the Maryland State Fair, and first place in the dry cow class at the Maryland Spring Show.

Her dam is an Excellent Astronaut daughter with a top record over 22,000 pounds of milk.

Denny Remsburg and David Rama auctioneered the sale. Remsburg Sale Service managed the sale.

The MINNESOTA FALL SALE averaged $2,501 on 81 head. A bid of $72,000 for two bull calves topped the sale. Both bulls are from the same maternal pedigree. The dam is a Very Good Chairman daughter with a Predicted Difference of plus $211. The next dam is an EX-90 Elevation daughter; the third dam is an Excellent Astronaut daughter. All three dams produced records over 1,000 fat.

One bull was sired by Valiant. The other bull is a first choice male of flushes by Rotate or Royalty.

The second best price of the sale, $3,650, came on an Excellent 5 year old by Elevation. Her top record stands at 27,000 milk and 1,074 fat for a 4 percent test. She produced three records at the 4 percent level.

The next two dams classified Very Good with records over 20,000 pounds of milk.

John Hager auctioneered the sale and Snyder-Hager Sales managed the sale.

The PILLAR-HILL FARM MILKING HERD DISPERSAL held in New York averaged $1,699 on 58 cows. A 3-year-old daughter of Ocean-View Sexation sold for $4,000, the top price of the sale. In her first lactation, she produced 19,951 pounds of milk and 784 pounds of fat in 365 days. She will freshen in late December to Mandingo.

Her dam classified VG-88 with a best effort of 28,477 milk and 967 fat. The next dam classified Very Good with a best effort of 22,481 milk and 778 fat. Both dams achieved a lifetime production over 200,000 pounds of milk.

A 5-year-old daughter of Creek Bluff Elevation Lester scored the second high price of the sale with a bid of $3,250. Classified EX-90, her in progress record stands at 20,447 milk and 739 fat in 241 days.

The seventh generation to classify Very Good or Excellent, she is due in early March 1987 to Cal-Clark Board Chairman.

Also selling at the $3,250 mark was a bred heifer sired by Valiant. She is due in March to Chairman.

Her dam classified VG-88 with two records over 27,000 milk and two records over 1,036 fat.

Harris Wilcox, Craig Wilcox and Donald Yahn auctioneered the sale. Harris Wilcox Inc. served as the sale manager.

The SCHUG'S MILKING HERD AND BRED HEIFER DISPERSAL held in Ohio averaged $1,475 on 33 head. Two cows sold for $6,000 to top the sale.

The first cow selling for this price was a Very Good 2 year old by Marshfield Elevation Tony. She is finishing a senior yearling record of 14,000 pound milk with a 4 percent test. Her dam classified EX-92 and was the All-Michigan 5 year old in 1985. Sired by A Puget-Sound Sheik, she produced a top record of 23,000 milk and 1,023 fat for a 4.4 test.

Also selling at the $6,000 mark was a 5 year old by Leadfield Prestar. Classified Excellent, she is due in January to Browndale Commissioner.

She stands 61 inches tall and produced a best effort of 19,200 milk with a 4.2 test. She placed second in the 5-year-old class at the Ohio State Spring Show.

The second best price of $2,300 came on an 88-point daughter of Cherrylane Superstar. A 3 year old, she is finishing her best record to date of 20,000 pounds of milk. She was short bred to Sexation.

Buyers came from five states and Canada. Of the 33 head sold, 21 were cows and the remainder were short bred heifers.

Robert Shore of Ontario auctioneered the sale. Roger Schug managed the sale.

The FARMSTEAD DISPERSAL held in Michigan averaged $931 on 217 head. Selling for the top dollar of $5,000 was a 4-year-old Bell daughter classified VG-85. Fresh at the end of October, she produced 102 pounds of milk with a 6.8 test in November.

She produced a top record of 21,410 milk and 827 fat. Her cow index stands at plus 1,231 milk, plus 43 fat and plus $144. Her dam is a GP-82 Milu Betty Ivanhoe Chief daughter.

A bred heifer by Tradition scored the next best price of $3,150. She will freshen in January to Memorial. Her dam, a Very Good Glen Valley Star daughter, produced two records over 20,000 pounds of milk. Three Very Good dams follow her in the pedigree.

Jim Cook, who auctioneered the second half of the sale, noted that over 300 people attended the sale. He added that the commercial registered herd averaged 13,000 pounds of milk. Many open cows, unfresh 2 year olds and cull cows also sold. All things considered, including the bitter cold weather on the sale day, he felt the average was good.

The owner George Pardonnet, a 71-year-old dairyman, decided to retire after 45 years in the business. No one in the family wanted to continue working the farm, Cook noted as the reason for the dispersal.

Keith Stump served at auctioneer for the first half of the sale. Premiere Associates managed the sale.

NATIONAL DAIRY COW SALE INDEX

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This sale index can help dairymen place a value on the dairy cows in their own herds. Breed organization sales and private dispersal sales reported in Lancaster Farming are included in the dollar averages.

	Ayrshire	Brown Swiss	Guernsey	Jersey
Year to date:				
Nation	870	1079	1141	960.48
Pennsylvania	832	950	569	1019
Four previous weeks:				
Nation	805	2100	1733	1471
Four previous weeks +/-year to date:	65 lower	1021 higher	592 higher	510 higher

	Holstein	Red and White	Milking Shorthorn
Year to date:			
Nation	2111	1825	850
Pennsylvania	2039	2837	922
Four previous weeks:			
Nation	3275	—	—
Four previous weeks +/- year to date:	1164 higher	—	—

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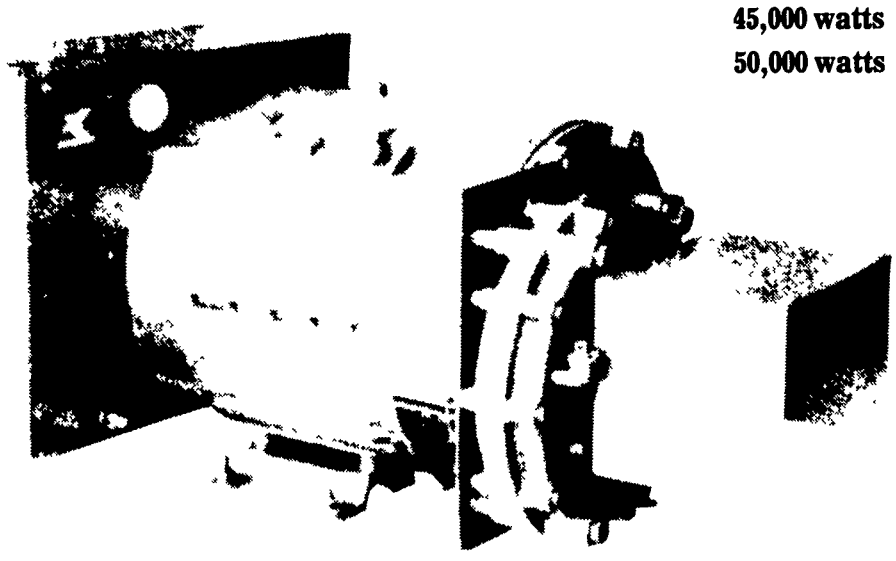

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Foraging Around

By Dr. John E. Baylor
Director of Market Development
Beachley-Hardy Seed Company

The growing season for 1986 has come to a close. And, as seems to be the rule, it was a year of weather extremes — too wet in the north and too dry in the south. In between the result was a good growing season for some, but a near disaster for others.

However, now it's time to look ahead to 1987 and prepare for what we hope will be a good forage year. One step in that preparation is the selection of perennial forage species for optimum production and quality.

We know that most perennial cool-season grasses and legumes, when properly fertilized and managed, can be used successfully for hay, silage or pasture. Some species, however, are more sensitive than others to soil acidity, marginal drainage, low fertility and intensive cutting or pasture management. Likewise, species differ in their seed characteristics and seedling emergence, early seedling vigor and general ability to compete during the establishment year. This is sometimes referred to as seedling aggressiveness. All of these factors should be considered when selecting species or mixtures for a particular site or use.

Let's take a brief look at how a number of our most common forage crops, both perennials and annuals, compare for several of these factors. I realize this is old hat for many of you. But there's no harm in a little review.

Tolerance to Poor Drainage

Species vary in their tolerance to soil depth and drainage. Yet we frequently attempt to establish a species on a soil where it is not suited.

While the tables shown below aren't perfect they will give you an idea as to how various species compare in their tolerance of soil drainage and acid sensitivity.

Of course, species such as Birdsfoot Trefoil and Reed Canarygrass also grow well on deep, well-drained soils. But you're stretching your luck when you try to move a species down on the drainage scale.

You can successfully move a species up the pH scale, such as from moderate acidity to slight acidity or above. In fact, most forage species grow best when the soil pH is near 7.0. But don't expect to successfully establish alfalfa or sweet clover, for example, on a soil high in acidity (pH 6.0 or below).

Seedling Aggressiveness

Seedling aggressiveness is a combination of speed of germination and emergence and the ability of the seedling to compete.

For example, of the legumes red clover is generally considered most aggressive, followed by sweet clover, alfalfa and alsike clover, ladino clover, birdsfoot trefoil and crownvetch.

Perennial ryegrass tops the aggressiveness list of the perennial cool season grasses and is followed in order by orchardgrass, tall fescue, bromegrass, timothy, reed canarygrass and Kentucky bluegrass.

Competition

Seedlings of the various species differ in their ability to compete with other plants for light, nutrients, and other limiting factors.

For example, seedlings of all common forage legume and grass species are adversely affected by intense shading. However, of the legumes, red clover is most tolerant of shade followed by alfalfa and ladino clover. Birdsfoot trefoil seedlings are most seriously affected by reduced light. That explains in part why you can successfully establish red clover in wheat, while attempting to establish birdsfoot trefoil in winter wheat usually ends in failure.

There are many other factors that could be considered, including: seed size and shape, and seedling heat, drought and cold tolerance.

The expected yield and stand life for the intended use may be another consideration. For example, most perennial legume and grass species will produce highest yields and persist longer under a silage or hay management system, or if used for pasture under a system of rotational or more intensive grazing rather than continuous grazing.

Finally, when selecting forage species you should consider the suitability of the species to the animal enterprise. Dairy cattle, for example, have higher forage quality and intake requirements than do beef cows or sheep. Therefore, highly palatable and digestible species are generally more important in dairy forage systems than in forage systems for beef or sheep. It has also been shown that under pasture conditions sheep can graze more closely than cattle, and, thus, if allowed to overgraze can cause more damage to upright growing grasses and legumes.

Seed Needs for 1987

And as you plan for 1987, it isn't too early to take inventory of your next year's forage seed needs. Except for short supplies of certain newer varieties, seed supplies of most legumes should be okay. This includes red clover, although because of unfavorable weather in many seed producing areas you can expect slightly higher prices for this species.

Seed supplies of certain cool-season grasses could be another story. Weather conditions this year in many of the important grass seed producing areas were less than good. Briefly, seed supplies of orchardgrass should be okay. There should be enough timothy seed, but prices are up slightly. But seed supplies of common southern bromegrass, Kentucky bluegrass and tall fescue are definitely on the short side. Don't panic, but do plan ahead.

Finally, the holiday season is fast approaching. May I take this opportunity to wish each and everyone the best of the holiday season and may 1987 be especially good to you.

Merry Christmas and a Happy New Year!

Tolerance To Drainage

Tolerates Moderately Poor Drainage	Tolerates Slightly Poor Drainage	Very Sensitive To Off Drainage
Birdsfoot Trefoil	Red Clover	Alfalfa
Ladino Clover	Kentucky Bluegrass	Crownvetch
Alsike Clover	Perennial Ryegrass	Bromegrass
Reed Canarygrass	Orchardgrass	
Tall Fescue	Timothy	
Switchgrass	Brassica Sp	
Big Bluestem	Sudangrass	

Acid Sensitivity

Tolerates Moderate Acidity (pH 5.5 to 6.0)	Tolerates Slight Acidity (pH 6.0 to 6.5)	Very Sensitive (pH 6.5 to 7.0)
Birdsfoot Trefoil	Red Clover	Alfalfa
Reed Canarygrass	Alsike Clover	Sweet Clover
Tall Fescue	Ladino Clover	Barley
Redtop	Timothy	
Bentgrass	Bromegrass	
Sudangrass	Orchardgrass	
Millet	Perennial Ryegrass	
Rye Oats	Kentucky Bluegrass	
	Corn	
	Wheat	

Blair County Lists High DHIA Herds

HOLIDAYSBURG — Clover Will Farms, Williamsburg, topped the yearly Blair County DHIA report in milk, fat and protein. Their herd averaged 21,880 pounds of milk, 792 pounds of fat and 694 pounds of protein on 141 cows.

Fidelity Holsteins, Martinsburg, scored the second highest herd average in the three categories. On 42.4 cows, their herd completed an average of 21,385 pounds of milk, 781 pounds of fat and 668 pounds of protein.

Brenneman Brothers, were honored for the greatest increase in fat production; their herd fat average rose 100 pounds from the 1985 testing year.

Marcove Farms, Martinsburg, owned the top 2-year-old cow in Blair County. Their cow completed a lactation of 27,282 pounds of milk, 878 pounds of fat and 810 pounds of protein. This Holstein herd also owned the high milk cow. Their 6 year old posted a record of 30,408 pounds of milk.

Robert Kensinger, Roaring Spring, owned the second high milk cow for the county. His 4 year old produced 30,378 pounds of milk. This Holstein also posted the highest protein production with 884 pounds.

A 10-year-old cow owned by C. Eugene Smith, Martinsburg, registered the highest fat production for the county with 1,162 pounds.

Owners of the top five cows for lifetime fat production were also honored. These producers and the production of their cows are: Baker Farms, 204,036 milk and 8,330 fat; William England, 211,767 milk and 8,183 fat; Smith Hollow Farm, 201,047 milk and 7,951 fat; Burket Fall Farm, 187,659 milk and 7,837 fat; and Marcove Farm, 208,544 milk and 7,705 fat.

Five herds were recognized for low somatic cell counts. These herds are: Dale Hoover, 93,000 SCC; Clover Will Farm, 140,000 SCC; Penn-England, 146,000 SCC; Charles and Mike Hoover, 148,000 SCC; and Jayray Farms, 154,000 SCC.

Blair County DHIA finished its 58th year on Sept. 30 with 90 whole-year herds on DHIA and eight owner-samplers. This year the program tested 436 more cows than in 1985 for an average of 17,082 pounds of milk and 619 pounds of fat.

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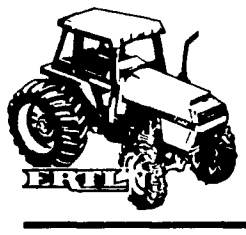

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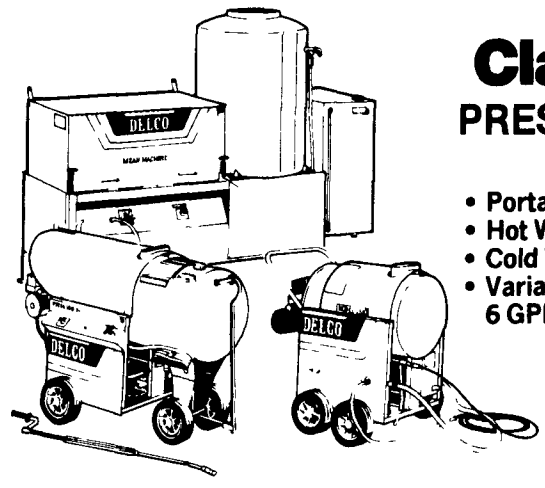

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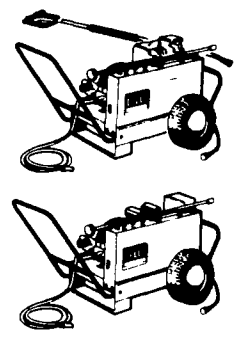

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Mandatory Supply Management: A Dairy Policy Option

The Canadian Milk Quota System

BY FRED WEBSTER
University of Vermont

Editor's Note: This article is the third in a series of seven dealing with supply management.

Conditions leading to the quota program

Milk production and marketing from farms in Canada has changed drastically in this century. As the industry developed, farms near the cities concentrated on supplying fresh, fluid milk needs and more distant farms produced milk for storable dairy products.

However, the regular dairy demand for fresh, high-quality milk in fluid markets made for unstable prices and frequent marketing changes as processors sought extra supplies to cover shortages or limited their milk receipts to avoid a surplus. Also, increases in productivity per cow and per farm meant that fewer farms were needed to supply the market.

Market uncertainty meant high risk for investment in the modern dairy production facilities needed to make use of new technology.

In response to these problems, the Canadian Dairy Commission was established in 1967 to oversee a supply management program for the dairy industry. Today, quotas appear to be strongly supported by the Canadian dairy industry.

Components of the Canadian program

As in the U.S., the Canadian milk marketing system divides milk according to use as fluid milk and industrial milk (for use in manufactured dairy products). Farmers may or may not belong to a cooperative but they all have to pay a hauling charge for getting their milk to a receiving plant and each pays part of the cost of the price support program through assessments.

Beyond that, the system is far different.

For one thing, Canada is a federation of large provinces — each with a great deal more independence than individual states in the U.S. Due to their size and geography, no milk for fluid use moves between provinces. Also, milk marketing quotas to control production, prices for each class of milk, rules covering transfer of quotas, and assessments to cover program costs are set by each province — not the federal government.

The supply management effort is coordinated by the Canadian Milk Supply Management Committee. The Committee is made up of representatives of provincial producer marketing boards, provincial government agencies, and the CDC. All major policy issues are normally set by unanimous consent of all the provinces, usually after being discussed at two meetings of the committee.

Canadian dairy farmers receive two quotas — one for fluid and one for MSQ (market-sharing quota) of industrial or manufacturing milk. Fluid quotas are determined by each province based on estimates of its fluid needs.

Industrial milk needs are estimated nationally by the CMSMC and the MSQ allocated to each province on a historical basis. The provinces, in turn, allocate fluid quotas and MSQ among producers. Market share of MSQ is expressed as kilograms of butterfat. If supply or demand changes sharply, the kilograms of quota may be adjusted up or down on a proportional basis.

The responsibility for exporting dairy products that are surplus to domestic requirements rests with the CDC. Since world market prices of dairy products are highly subsidized in most cases, the disposal costs incurred by the CDC are met through levies on all producer shipments of industrial milk.

The CDC determines the anticipated costs of surplus disposal prior to each new dairy year and, after discussion with the CDCMSC, sets the levies required to defray the anticipated costs.

Structural Changes in the Producing Sector of the Canadian Dairy Industry–1970 to 1985

Year	Milk shipments Bil. lbs.	Dairy farms Thous.	Shipments per dairy farm Pounds	Average herd size Cows
1970	16.8	136.8	122,920	18
1975	16.0	84.3	189,350	24
1980	16.3	56.4	289,113	31
1985	16.5	44.6	369,289	38

Source: Statistics Canada, Canadian Dairy Commission.

Both within-quota and over-quota levies are used.

The ***within-quota levy*** is needed to cover the cost of exporting skim milk powder and to defray surplus removal costs of product made from within-quota milk not needed to meet Canadian requirements. The ***over-quota levy*** is set at a level high enough to market surplus whole milk products on world markets. It is this over-quota levy which makes supply management effective, because it is so high that it discourages most producers from over-supplying their market shares.

The policies used to administer the market sharing quota system vary from province to province but must conform with the provisions of the national plan. For example, in Ontario the provincial allotment of market sharing quota was initially divided among all the producers in accordance with their manufacturing milk shipments in a base period.

While MSQ is an annual quota, fluid quota is set on a daily basis. Both are transferable among producers. Producers wishing to buy or sell MSQ or fluid quota submit their offers by a computer-operated quota exchange. Volumes and prices of quota submitted by potential buyers and sellers are matched.

All transfers must take place over the exchange, except for within-family transfers and transfers involving ongoing farm operations. Both used and unused MSQ can be transferred, but not loaned or rented. With the exception of within-family transfers, transfers of quota are subject to an assessment of 15 percent.

Producers must market at least 85 percent of their quota. A producer marketing less than this amount may have his quota reduced unless he sells the amount of quota subject to reduction.

The purpose of the maintenance requirement is to encourage high utilization of quota within the Province, and to ensure that producers will not short the market.

Experience with the Canadian program

It is difficult to separate the results of supply management in Canada from other features of the industry. During the 15 years under this system, substantial changes have occurred in the structure of the Canadian Industry. Dairy farm numbers have dropped by some 92,000 or 67 percent.

Total production has remained relatively unchanged and is presently in the order of 16 to 17 billion pounds a year. Herd size has about doubled while milk production per farm has tripled.

One way to compare returns to Canadian farmers with their U.S. cousins is to look at recent returns for a well-managed, actual Ontario farm.

This farm was slightly above average size (for Ontario) and had nearly its maximum quota. Ontario Dairy Board policies limit quota per farm. The farm had an annual quota of 373,517 pounds fluid milk, 1,023 pounds per day, and 226,761 pounds of MSQ, about 621 pounds per day.

To match production with quota, the owner followed a careful culling program geared to the farm's quota, not just the productivity of individual cows.

This farmer received Canadian $23.13 per cwt. for fluid milk and Canadian $18.06 per cwt. for industrial milk in 1985. Total milk marketed was over quota by 8,080 pounds.

The average price, including federal subsidy and deducting various levies was Canadian $19.81 per cwt. or about U.S. $13.86 per cwt. After allowance for hauling, milk promotion, and other fees, the average price was Canadian $18.56 per cwt. or U.S. $12.99 per cwt.

(Turn to Page A37)

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Stoss Takes Top Luzerne County DHIA Awards

WILKES-BARRE — Honors for high herd in milk, fat and protein production in Luzerne County went Paul Stoss Jr., Rt. 7, Lehighton, at the recent Luzerne County Dairy Herd Improvement annual meeting. The Lehighton dairymen's 20-cow Holstein herd averaged 23,241 pounds of milk, 888 pounds of fat and 743 pounds of protein.

Stoss also received the award for most improved herd by milk, fat and protein with increases of 4,692 pounds of milk, 171 pounds of fat and 149 pounds of protein.

"Dumpling" from Stoss' herd produced the top record in the county with 28,305 pounds of milk and 1,164 pounds of fat. Pecora Brothers, Drums RD 2, had the high cow for protein with 874 pounds.

Hillside Farms Inc., Shavertown, received honors for having nine cows in their herd with lifetime production certificates totaling 1,122,872 pounds of milk.

Herds finishing the year with DHIA averages over 600 pounds of fat include: Paul Stoss Jr., 888; Robert Hough, 720; Pecora Brothers, 674; Carl Troxell, 627; Jack Dent, 655; Fred Shultz, 651; Derwood and Dennis Moyer, 620; and Faihopity Farms, 608.

Directors for the upcoming year are: David Stull, Plymouth; Larry Baron, Shickshinny; William Conyngham, Shavertown; James Cook, Lehman; Robert Hough, Stillwater; Floyd Rinehimer, Wapwallopen; Robert Taylor, Huntingdon; Carl Troxell, Lehighton; and Jeanette Yost, Wapwallopen.

The Luzerne County DHIA finished its 57th year with 21 whole-year herds and seven owner-sampler herds.

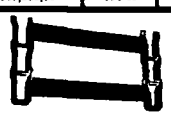
FREE FREIGHT ON ALL CONVEYORS

MANURE SPREADER CONVEYOR CHAINS

MAKE	MODEL	APRON PRICE PINTLE CHAIN	APRON PRICE T-BAR CHAIN
ALLIS	201-140S	286 46	295 46
CHALMERS	299-180S	340 80	340 80
BADGER	100	329 86	329 86
BADGER	150	361 00	361 00
BADGER	160	328 52	328 52
BADGER	200	384 85	340 66
BADGER	205	414 84	414 84
BADGER	240	473 43	418 36
BADGER	3210	424 45	375 40
BADGER	3360	497 17	434 80
BADGER	3330	POR	POR
BALZER	240	511 05	451 36
BALZER	410	365 72	323 88
BALZER	440	427 69	378 24
BALZER	515	863 90	435 96
BALZER	700	1089 64	546 36
CASE	100	277 66	277 66
CASE	125	319 60	319 60
CASE	140	285 14	285 14
CASE	180	395 80	395 80
FARMHAND	450	599 86	599 86
GEHL	180	380 07	380 07
GEHL	250	427 54	427 54
GEHL	350	349 51	349 51
GEHL	500	410 87	410 87
H&S	180	365 00	365 00
H&S	220	365 00	365 00
H&S	295	492 28	492 28
H&S	350	537 16	537 16
INT HARV	101,102,103	253 50	253 50
INT HARV	125 130	322 37	322 37
INT HARV	150,155 160	376 86	376 86
INT HARV	275	407 56	360 58
INT HARV	320	409 09	409 09
INT HARV	530	386 66	342 25
INT HARV	540	428 52	378 97
INT HARV	550 555	510 53	450 91
INT HARV	560	599 80	529 97
INT HARV	570 575	325 72	325 72
INT HARV	580	372 55	372 55
INT HARV	595	469 57	414 97
JOHN DEERE	33	318 75	318 75
JOHN DEERE	34	363 86	322 25
JOHN DEERE	40	376 12	333 00
JOHN DEERE	44	424 11	375 10
JOHN DEERE	660	331 12	424 76
JOHN DEERE	680	496 85	438 91
KASTEN	135	334 21	334 21
KASTEN	175	362 81	362 81
KASTEN	250	451 55	451 55
KASTEN	270	422 65	422 65
KASTEN	325	513 07	513 07
KASTEN	400	513 07	513 07
KNIGHT	180	379 56	379 56
KNIGHT	195	390 63	390 63
KNIGHT	235	417 64	417 64
KNIGHT	250 252	429 22	429 22
KNIGHT	300	464 41	464 41
KNIGHT	350	351 19	351 19
KNIGHT	410	398 27	398 27
KNIGHT	500 510	385 77	385 77
KNIGHT	650	483 21	483 21
MAS FERG	110 130	286 36	286 36
MAS FERG	180	328 53	328 52
MAS FERG	205	412 84	412 84
MAS FERG	721	352 80	352 80
MAS FERG	724	408 66	408 66
MEYERS	727	439 32	439 32
MEYERS	M125-A	488 95	292 00
MEYERS	M145-A	566 40	338 25
MEYERS	M160-A	575 61	343 75
MEYERS	M225-A M300-A	715 64	427 35
MEYERS	M350-A	807 94	482 50
NEW HOLLAND	200,202,220	287 50	287 50
NEW HOLLAND	221,222	287 50	287 50
NEW HOLLAND	213	262 86	262 86
NEW HOLLAND	300 336	322 07	322 07
NEW HOLLAND	470,475	408 02	408 02
NEW HOLLAND	510 511,512	382 34	338 46
NEW HOLLAND	513,514	382 34	338 46
NEW HOLLAND	516,51 ,518	446 70	394 92
NEW HOLLAND	519,530	456 59	403 59
NEW HOLLAND	675,676,677	576 48	508 76
NEW HOLLAND	679,680	585 44	516 62
NEW HOLLAND	790,791	885 50	644 42
NEW HOLLAND	795	487 90	431 06
NEW HOLLAND	800	485 25	428 73
DOUBLE SLATTED	510,511,512	522 40	461 32
DOUBLE SLATTED	513,514	454 23	401 52
DOUBLE SLATTED	516,517,518	628 10	554 92
DOUBLE SLATTED	519,520	598 45	528 03
DOUBLE SLATTED	675,676,677	815 88	718 76
DOUBLE SLATTED	679,680	779 06	686 46
NEW IDEA	201,203,208	317 27	317 27
NEW IDEA	205,207,210	399 55	399 54
NEW IDEA	211	295 63	260 56
NEW IDEA	212	343 36	299 55
NEW IDEA	213,217	409 75	360 66
NEW IDEA	214	465 23	408 10
NEW IDEA	218,244	551 63	483 89
NEW IDEA	224,245	626 00	549 13
NEW IDEA	243	457 69	401 49
NEW IDEA	351	POR	POR
NEW IDEA	352	POR	POR
NEW IDEA	353	POR	POR
NEW IDEA	354	POR	POR
NEW IDEA	355	POR	POR
PATZ	181	—	483 77
PATZ	350	—	500 71

FORAGE BOX CONVEYOR CHAINS

MAKE	MODEL	APRON PRICE PINTLE CHAIN	APRON PRICE T-BAR CHAIN	PRICE PINTLE CROSS-CONVEY CHAIN
BADGER	840	POR	POR	POR
BADGER	BN950,14'	333 12	316 14	196 12
BADGER	BN950,16'	372 72	360 98	196 12
BADGER	1060	POR	POR	POR
BALZER	5014	POR	POR	POR
BALZER	6514	POR	POR	POR
BALZER	6516	POR	POR	POR
BALZER	6518	POR	POR	POR
DANCO	14'	POR	POR	POR
DANCO	16'	372 86	397 36	POR
DION	Forage Box	POR	POR	—
GEHL	80,81,82	299 86	313 68	193 40
GEHL	83,84,85	299 86	313 68	193 40
GEHL	610,640,14'	338 80	368 88	—
GEHL	610,640,16'	389 70	423 52	—
GEHL	620,630,14'	348 80	376 88	—
GEHL	620,630,16'	399 70	433 52	—
GEHL	700,710,810	305 58	323 04	185 73
GEHL	910,920,14	308 63	323 04	185 73
GEHL	910,920,16'	334 48	353 92	185 73
GEHL	940,960,14'	308 63	323 04	185 73
GEHL	940,960,16'	334 48	353 92	185 73
H&S	Loadmaster XL14'	POR	POR	—
H&S	Loadmaster XL16'	POR	POR	—
H&S	Loadmaster XL18'	POR	POR	—
H&S	H&S '500"14'	POR	POR	198 30
H&S	H&S ' 500 16'	POR	POR	198 30
INT HARV	61,14'	373 60	421 14	POR
INT HARV	51,16'	422 98	476 62	POR
INT HARV	61	POR	POR	—
INT HARV	105,110,14'	302 91	343 36	—
INT HARV	105,110,16'	341 87	386 72	—
INT HARV	120,14	311 71	349 14	—
INT HARV	120,16'	351 71	393 18	—
INT HARV	130,15'	330 14	369 48	—
INT HARV	130,18'	397 56	445 80	—
JOHN DEERE	110	POR	POR	POR
JOHN DEERE	112	295 90	314 82	POR
JOHN DEERE	115	365 42	388 50	POR
JOHN DEERE	122	295 90	314 82	POR
JOHN DEERE	125	365 42	388 50	POR
JOHN DEERE	214,14'	311 64	331 74	169 20
JOHN DEERE	216,16'	394 56	417 00	169 20
JOHN DEERE	714,14'	337 24	362 94	197 50
JOHN DEERE	716,16'	390 30	415 86	197 50
KASTEN	Kwik-Load 20 14'	323 86	330 58	—
KASTEN	Kwik-Load 20 16	376 38	401 76	—
KASTEN	21,14'	307 83	330 48	—
KASTEN	21 16'	349 30	376 20	—
KASTEN	Power Box 14'	323 86	330 58	—
KASTEN	Power Box 16'	376 38	368 16	—
KNIGHT	14-7	295 90	309 90	198 75
KNIGHT	17-7	357 72	383 58	198 75
KNIGHT	20-7	414 82	447 18	198 75
KNIGHT	Barge Box 15'	357 72	383 58	—
KNIGHT	Barge Box 18'	414 82	447 18	—
LAMCO	Rex 14'	311 71	349 14	POR
LAMCO	Rex 16	351 71	393 18	POR
MEYERS	416,14'	POR	POR	POR
MEYERS	418,14	POR	POR	POR
MEYERS	516,14	POR	POR	POR
MEYERS	518,16	POR	POR	POR
MEYERS	600 16'	POR	POR	POR
MEYERS	600,18'	POR	POR	POR
NEW HOLLAND	3	473 94	446 04	POR
NEW HOLLAND	6	544 90	514 08	POR
NEW HOLLAND	8	398 68	398 82	POR
PAPEC	140	323 86	322 38	—
PAPEC	160	376 38	391 50	—



STEEL DETACHABLE ATTACHMENT LINKS

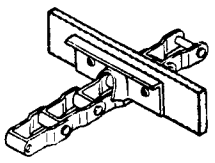
55AJ	36
55CI	43
55HB4	70
555H	53
62A1	64
62C1	87
62HB4	1 04
625H	66
67AS	86
67H-AS	86
67XH-AS	1 08
67H SH	2.10

FEED WAGONS, MIXER WAGONS, SILAGE MIXERS

MAKE	MODEL	MAIN APRON CHAIN PRICE	UNLOADING OR ELEVATOR CHAIN PRICE
ARTS WAY	155	488 75	—
ARTS WAY	700	POR	—
ARTS WAY	750	POR	—
ARTS WAY	800	1449 50	—
ARTS WAY	850	1699 50	—
INT HARV	200	1449 50	—
INT HARV	300	1449 50	—
KNIGHT	BA12	—	—
KNIGHT	BA14	—	—
KNIGHT	BA16	—	—
KNIGHT	LA9C	—	—
SCHULER	125BU	POR	POR
SCHULER	175BU	POR	POR
SCHULER	200BU	POR	POR
SCHULER	400BU	POR	POR
SCHWARTZ	600	—	189 75
SCHWARTZ	700	—	POR
SCHWARTZ	750	—	POR
SCHWARTZ	800	—	208 50
SCHWARTZ	850	—	208 50
SCHWARTZ	900	—	208 50

T-BAR CHAIN

T97 Plain Link	79 link
T-97 Attachment Link	1 56 link



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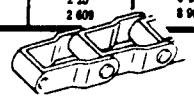
CORN HEAD GATHERING CHAINS

MAKE	PART NO.	MODEL NO'S	PRICE
ALLIS CHALMERS	838180	2A,3E,2N,3A,3N, 4C,A420,E420, C420,C820,H320, E320,C430,C830, C436,H340,E340, C440	23 12
	561238	FL430-GL440	26 40
	573040	1973-76 Low Profile	32 28
	574783	All models 1977-79 Heads	35 84
JOHN DEERE	AN102009	343,344,343, 344,443,444, 343,346,842, 843,844,845 842,843	31 00
	AN102009	343,344,343, 344,443,444, 343,346,842, 843,844,845, 842,843	31 00
INT HARV	176-279 C91	All 800 Series Heads 823,824, 833,834,843, 844, 853,854,863,864, 873,874,883	31 00
MASSEY FERG	341-080-M1	22,321,322,33, 421,422,43,83, 821	29 84
OLIVER & MINN MOLINE	511142E	522,526,531,536, 541,544,545,566, 661,H343,H844, H863,H864	44 64
AVCO-NEW IDEA	713167R	723,724,726,736	44 20
	713168L	723,724,726,736	44 20
WHITE FARM EQ	31-1000933	702,703,704,706, 708	29 86

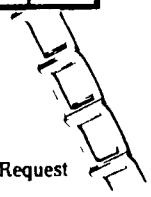
PINTLE CHAIN

CHAIN NO	PITCH	PRICE PER FT
662	1 664	3 44
667H	2 313	3 34
667J	2 26	4 84
667X	2 25	4 84
667K	2 25	6 46
66K	2 609	8 90



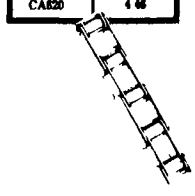
STEEL DETACHABLE CHAIN

CHAIN NO	PRICE FT
26	97
32	1 00
42	1 16
45	1 09
52	1 38
55	1 16
62	1 63
62H	1 99
67H	2 20
67XH	2 61



AGRICULTURAL ROLLER CHAIN

CHAIN NO.	PRICE/FT
A2040	96
C2040	1 12
A2060	1 16
C2060	136
A2080	1 84
C2080H	2 82
A560	3 78
CA550	3 78
CA555	3 78
A620	4 46
CA620	4 46



NEW HOLLAND BALER UPPER CHAIN

MODEL	N.H. PART NO.	PRICE
845	704545	375 60
846 & 847	634335	396 68
849	673260	509 94
850	679303	467 77
851 & 852	679768	570 60
855	786717	936 00

NEW HOLLAND BALER FLOOR CHAINS

NH NO.	CHAIN/ATT	PRICE
208/98	CA866/C3E	57 86
714619	CA860/C3E	53 96
710986	CA860/C3EB	60 43
718086	CA860/C3EB	66 85

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USDA Buyout Report

WASHINGTON — An estimated 9,700 head of dairy cattle were slaughtered in federally inspected plants during the week ending Nov. 15, as a result of the Dairy Termination Program, the U.S Department of Agriculture announced Wednesday.

This total includes all cows, heifers and calves identified as dairy animals designated for disposition in compliance with the program requirements.

The cumulative total of cattle slaughtered under the program from April 1 through Nov. 15 is an estimated 861,800 head.

The purchases of meat in addition to normal purchases are to help offset the effects of the DTP on the domestic meat market. The cumulative purchases, reported bi-weekly as of Nov. 29, total 310.4 million pounds.

Dairy cattle reported for export under the program for the period April 1 to Nov. 29 totaled an estimated 44,514 head. An estimated 640 were exported during the week ending Nov. 29.

Live cattle exported under the program are expected to increase as countries develop tenders to participate in the export enhancement program.

Mandatory Supply Management

(Continued from Page A36)

During the same period, the "all milk" price to U.S. farmers was 39 cents lower, $12.60 per cwt after adjustment for government price support assessments).

Investment in quota can be estimated by the rate at which it has sold on the quota exchange operated by the Ontario Milk Marketing Board. Recent prices are about U.S. $28 per cwt or U.S. $4,200 for a 15,000 pound cow's annual production. Obviously, this is more than the total value of one year of milk production and represents over one-third of the total capital needed to operate an Ontario dairy farm.

With supply management, supplies (except for nonfat dry milk) have been kept reasonably close to market requirements. Costs to the government have been reduced by controlling supply, raising milk prices, and levying assessments on milk marketed by dairy farmers.

Although net farm milk prices in Canada are slightly higher than U.S. averages, Canadian farmers have sharply higher investments in their farms because of the quota value. Also Canadian farmers must manage production closely: under production may mean loss of quota; milk sold over quota nets little more than the hauling cost.

Supply management has not stopped farms from exiting the dairy industry. In fact, the sale value of quotas may have encouraged some farmers to cash in their assets.

Restrictions on quota sales to family-sized operations in some provinces may have limited the development of very large milk production units.

The Canadian system provides some valuable lessons, but would not adapt easily to U.S. conditions.

Alfred College Hosts International Vet Conference

The recent International Veterinary Nutrition Conference at Alfred State College in Alfred, N.Y., drew participants from three states and Canada including Dr. Arden Nelson (center) of Cortland and Dr. Howard Redlus (right) of Burlington, NJ, keynote speakers at the four-day program.

Here, they watch a demonstration by conference coordinator Thomas J. Cannon of the Alfred faculty, working with a cow in the college's dairy herd. The seminar was sponsored by Alfred's Plant and Animal Science Department and by Dairy Production Consultants, a group organized to promote better utilization of dairy records. The group is comprised of Dr. Nelson, Dr. Redlus, and Professor Cannon.

$400 Million Available For Crop Losses Due To Disaster

HARRISBURG — Farmers in the southcentral part of the state who suffered crop losses due to the past summer's drought will be able to recoup some of those losses through a federal disaster program that authorizes payment of up to $400 million in disaster relief to producers who suffered losses in excess of 50 percent.

Disasters covered by the nationwide program include drought, flooding, hail and excessive heat or moisture, according to ASCS program specialist Alarie Fleming. The program is divided into program crops (corn, barley, oats, sorghum and wheat) and nonprogram crops.

For program crops, only 1986 Grain Program participants are eligible. The payments level is the difference between the actual harvest and 50 percent of the program yield.

Non-program crops, which include all commercial crops, are also covered under the Act. Payments are issued if the grower suffers at least a 50 percent loss of income for all program and non-program crops. Producers that believe they have suffered a 50 percent loss or greater should submit necessary evidence to their county ASCS office by Dec. 15, 1986. For soybeans and non-program crops, crop records must be filed on a field-by-field basis in the county ASCS office. These reports are for at least 1986 and 1985. Disaster payment acreage is the acreage planted for 1986 harvest not to exceed 1985 acreage.

Payment yields for non-program crops is the highest yield for 1983-1985 production evidence as supplied by the producer. All payments will be issued on Commodity Certificates and are limited to $100,000. 1985 yields will be used if it is the only year provided.

Producers who believe they are eligible and have unharvested crops should contact the office for an appraisal before the crop is destroyed. Producers who have crop insurance should notify their insurance companies before destroying the crop.

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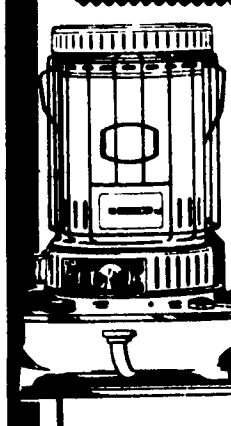

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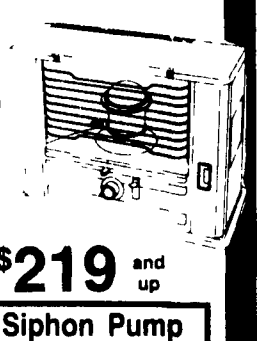

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THE FARMERS' VIEW

CONSERVATION PROGRAMS: Now Is The Time To Act

Soil erosion is a serious problem in America. It is estimated that more than three billion tons of cropland soil are lost each year. In 1985, Congress took a dramatic step towards controlling the problem. The Food Security Act of 1985 contained progressive initiatives targeted at farmers to take highly erodible land out of crop production.

The provisions, called "Sodbuster and Swampbuster Rules", mandate conservation practices which will remove cropland from production where current conservation techniques cannot adequately protect the soil. The rules disallow farmers from including crops produced on highly erodible lands and newly converted wetlands as part of their base acreage for various farm support programs.

Under the law, "Sodbuster", refers to land that was not cropped during the five years before the Food Security Act (Farm Bill) was enacted in 1985

"Highly erodible land", is defined by a criteria established by the Soil Conservation Service using acceptable and recognized methods to predict potential erosion caused by wind and water.

The water erosion formula relates the effects of rainfall, soil characteristics, and length and steepness of slope to the soil's tolerable erosion rate The wind erosion formula relates wind speed and soil characteristics to the tolerable rate.

The mandated conservation regulations affect any farmer who presently or in the future, plans to participate in any U.S. Department of Agriculture (USDA) farm program, including loan and crop insurance programs, price and income supports, disaster payments, Farmer's Home Administration loans, Commodity Credit Corporation storage payments, farm storage facility loans, and other programs under which payments are made with respect to commodities produced by the farmer.

Farmers producing crops on land deemed to be highly erodible by Soil Conservation Service have until January 1, 1990 to develop and begin to actively apply a conservation plan They must have the plan approved and in effect by January 1, 1995.

To assist farmers in determining whether the requirements apply to their farmland, the Soil Conservation Service is developing a list of highly erodible soil types, using both existing soil maps and onsite inspection of farmland. They are encouraging all farmers to consult with the Soil Conservation Service or the ASCS in their county to determine whether they have an erosion problem as defined by the Act. Farmers will need a greater level of commitment and understanding of the importance of conservation, as well as recognizing that failure to make a commitment could have an adverse impact on their involvement in future government programs

Presently, there are more than 5 million acres of cropland in use in Pennsylvania. Fifty eight percent of that land is not practicing, nor are they seeking any type of guidance for developing a conservation plan

The USDA has indicated that there are more than 12,000 Pennsylvania farmers presently participating in government programs which would be directly affected by the "Sodbuster" regulations, yet, less than 520 farms have enrolled in the Conservation Reserve Program for 1987 That's a mere 16,645 acres out of 1 4 million eligible acres

While 1990 may seem too far off into the future for some farmers to pay heed to the warnings, the USDA is emphasizing the need for the immediate development of a plan They also caution that the development of an acceptable conservation plan should be done with great care It will require an evaluation of your croplands, a review of slopes and drainage potential, a look at your long-range plans for cropping and the submission of a plan which meets the regulatory criteria of Soil Conservation Service and ASCS.

Waiting until the last minute will only assure that you will be added to the "waiting list", and possibly jeopardize your participation in a much needed USDA-sponsored program.

The Farmers' View is a column that is compiled by the Public Relations Division of the Pennsylvania Farmers' Association (PFA) It expresses the views of PFA's policy positions on key issues as adopted by the organization's 23,313 family members.

Worldwide

(Continued from Page A24)

James R. Donald, World and U.S. Agricultural Outlook, said, "The sharp decline in U.S. agricultural exports in the 1980s, thus, has been due to developments abroad related to: expanding agricultural output, especially the growth in productivity; dampened consumption expansion, caused by the worldwide recession of the early 1980s; and increased self-sufficiency in food production, resulting from policy changes. Over the next several years, competition will remain intense for world markets, but lower prices should slow productivity gains and market growth should pick up as global economic growth recovers.

U.S. farm income has come increasingly from the government in the 1980s, with the decline in agricultural exports and in farm prices. Direct payments alone in 1986 are expected to amount to $12 or $13 billion, accounting for over one-fourth of net cash income of some $44 billion. In the 1970s, direct payments accounted for about 7 percent of cash income.

The outlook for the next few years is for a continuation of large government payments. Market prices likely will remain under pressure because of slowly growing demand and relatively large commodity supplies.

Public Auction Register

DECEMBER

WED. DEC. 10 - 5:30PM
Groceries, Paper Towels, Paper Cups, Cat Food, Dog Food. Located Bareville Fire Co., 211 E. Main St., Leola, PA.

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70 Head Holstein Cattle, Dairy Eq. & Hay, Tractors and Mach. Just N. of Woodsboro, MD, on Rt. 194 on Legore Bridge Rd., 3 mis. to farm. Mr. & Mrs. Allen Flanigan. Robert C. Mullendore, Auct.

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Financial Energy for Farmers
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AUCTION
Farm Machinery
3 Tractors, 1973 Ford Pick-Up
Tools, Furnishings
TUES., DECEMBER 16, 1986
10:00 A.M.
Farm Machinery at 11:00 A.M.

FARM MACHINERY — John Deere 2020 WFE, gas, 1488 hrs. w/New Idea Loader; Oliver 770 Tri-Gas w/New Idea Loader; Oliver 77 Row Crop Tri-Live PTO, good rubber w/cultivator; J.D. 3-bottom hyd. plow; J.D. 3-bottom pull plow; J.D. 10' Transport Disc; Chattonoga 10' Transport Cultimulcher; 10' Cultiroller; Woods Cadet #84 Mower; Fox Field Chopper #F546 windrow & corn hd; 200 gal. tank sprayer; I.H. roll, Side Del Rake, auger unload dumping grain wagon, 2 sect. spring tooth; Oliver hyd. cyl; walking plow.

AUTO — 1973 Ford Custom Pick-up F-250 Camper Special V8, 89,521 miles; Pick-up Mower Ramp.

TOOLS — Win. Power 12KW Generator; 5 h.p. & 7½ h.p. elec. motors; air compressor, 40' mag. ext. ladder; water bowls, hay racks, platform scale, 6 rolls sheep wire, grindstone, anvil, field tiles, cement block, lumber, misc. hand tools.

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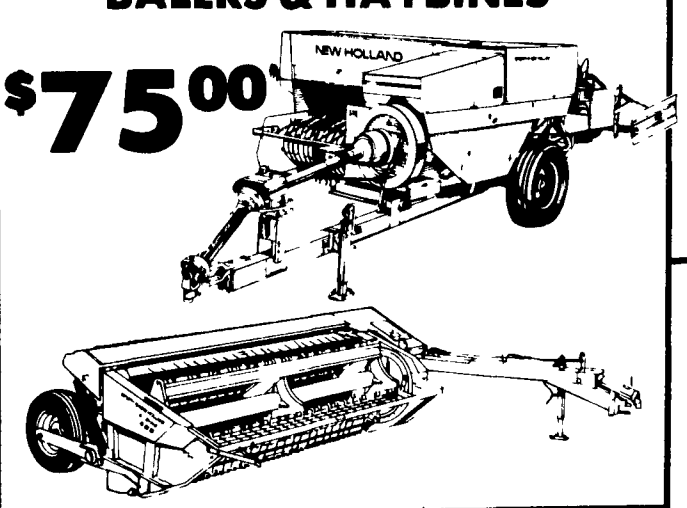

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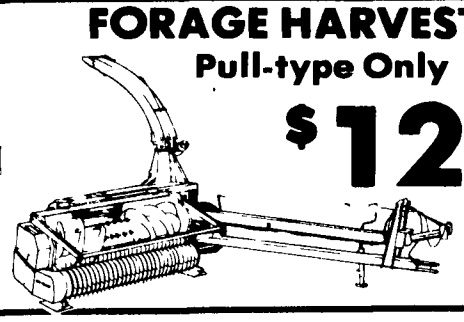

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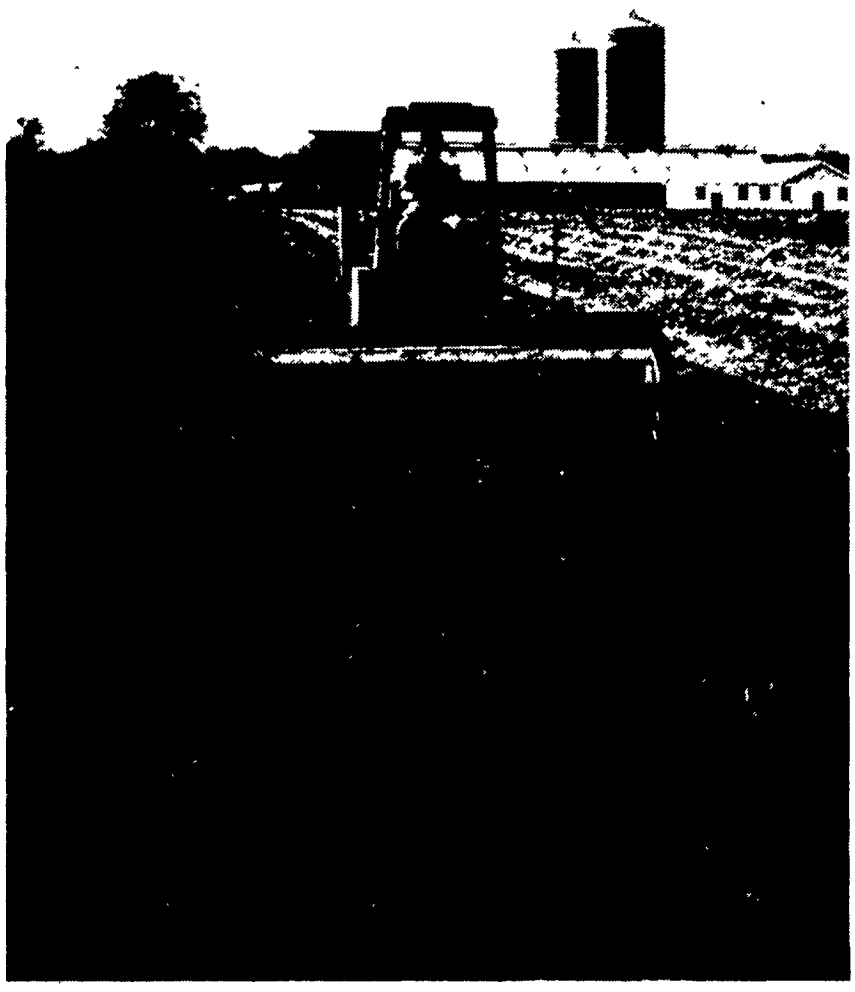

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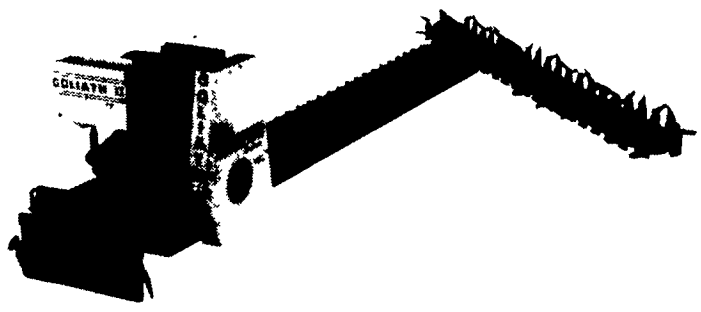

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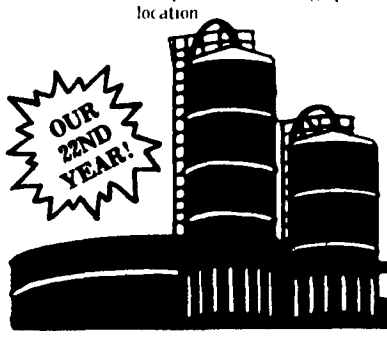

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New Oxford Artist Illustrates Life's Simple Pleasures With Water Colors

BY SHARON SCHUSTER
Maryland Correspondent

NEW OXFORD – Bobbi Becker loves the simple pleasures of life. Her lifestyle reflects that, and so do her unique water color folk paintings. The young Pennsylvania artist captures moments from a more simple time and preserves them for all to reflect upon in her creations.

At 29, Bobbi Becker says her life is "a dream come true. I never knew it could be like this," she says. Surrounded by a beautiful pastoral setting just minutes from nearby New Oxford, Becker finds subjects and inspiration in every direction.

"The countryside in this area is just beautiful," said Becker. "There's always something to paint." The 1810 farmhouse she and husband, Don, and son, Abraham, have called home for seven years, is located on 36 acres, now mostly cropped in winter wheat.

Following the footpath out past the barn where Don Becker frames his wife's paintings, Bobbi spoke of the seasonal delights the waters of a beautiful reflecting pond provide. "We fish, skate and boat on the farm pond. One of our tiger cats lets us hold him while we skate." Passing over the deer tracks, which did not go unnoticed, she made her way around the perimeter of the pond, husband trailing and son skipping on ahead.

Becker painted the pond in winter and offers the limited edition prints for $20. "Great Day for Skating" depicts a snowy day with "all the activities we wait anxiously for, except stoking the fire at 3 a.m." The 11-by-14-inch prints are signed and limited to 500 copies.

The bestsellers are as seasonal as the subjects rendered on the paper. "The Bean Pickers" and "The Strawberry Festival" are popular prints according to Becker's husband and business manager. In the winter, the "Old German Santa," toy-filled basket over one shoulder and Christmas tree over the other, attracts "Santa-lovers" from all over.

Becker paints a different Santa annually. The 1986 likeness portrays the beloved character in an ornate pink sleigh traveling through the starry night sky, pulled by a pair of well-antlered reindeer. With a suit of deep red, and white beard swept back, "Santa kindly waves his sprig of holly at you, with a delight in his eye. . ." explains Becker's catalog. The print, "Santa In His Sleigh," is limited to 1,000, and is signed and numbered. The 11-by-15-inch prints sell for $20.

Becker said that although she had no formal art training, she was influenced by the primitive styles of Grandma Moses, Edward Hicks, and Tasha Tudor. "It's a real simple style," explained Becker. "Mainly I have learned from studying the work of artists I enjoy, and from painting and painting and painting," Becker said she knows what she wants the painting to look like in the end.

"My work has a unique look."

"Yeah, she's pretty picky," Abraham adds.

"Moving here really helped," she continued. "It gave me a place to work, and there is always something to paint. When Abie was little, I had a bike and we would take a ride. I would say, 'Come on Abie – let's go visit the girls.'" They then peddled their way to the dairy farm down the road. "That's where our love for cows came from," said Becker. "They are so nosey. They have beautiful eyes and they are so sweet and gentle."

Becker has painted professionally for about five years. Most of her works are "reproductions of old paintings," she explained. While she paints scenes from life around her, she also gleans ideas from books. "I've always loved old books," she said.

"I did my first big painting in 1982," she said. "I'm glad I kept it. Now I can see how much better I've gotten." Limited edition prints of seven of her paintings may be purchased. "We kept the original of all the prints," she said.

Becker sells original paintings and prints at shows, The Hand and Eye Gallery, the gift shop at the Museum of American Folk Art in New York, and through advertisements in **Country** and **Early American Life**. Her paintings vary in size from 3½-by-5-inches to 16-by-20-inches, with prices ranging from about $26 to $300. Becker said the original 8-by-10 paintings are the most popular at $65.

Inside the Becker home which was originally a log structure, her works are displayed on every available wall space. "The kitchen is overdosed on Bobbi Becker," she quipped. Many of her early and smaller works adorn the walls around the wood cookstove.

"Icicles, Wishin', The Udder Side," and the artist's favorite, "The Watermelon Eaters," are surrounded by dozens of other paintings of cows, pigs, children, horses, and country scenes. Add to the list house portraits, Amish paintings and Santas, and the connoisseur of folk art will find it difficult to select just one painting from the catalog, show or gallery. Custom orders are also available. "We get a lot of good ideas from customers," Becker said.

The work area is filled with books, paintings, brushes, paints and all the organized clutter that shows signs of work in progress. A window frames a view of the herb garden that inspired her painting of an "Herb Chart," which lauds the properties of the wonder plants with Becker's original "Herbal Rhymes." Becker said her ultimate goal is to produce a nursery rhyme book. "I want to eventually get into illustrating children's books," she said.

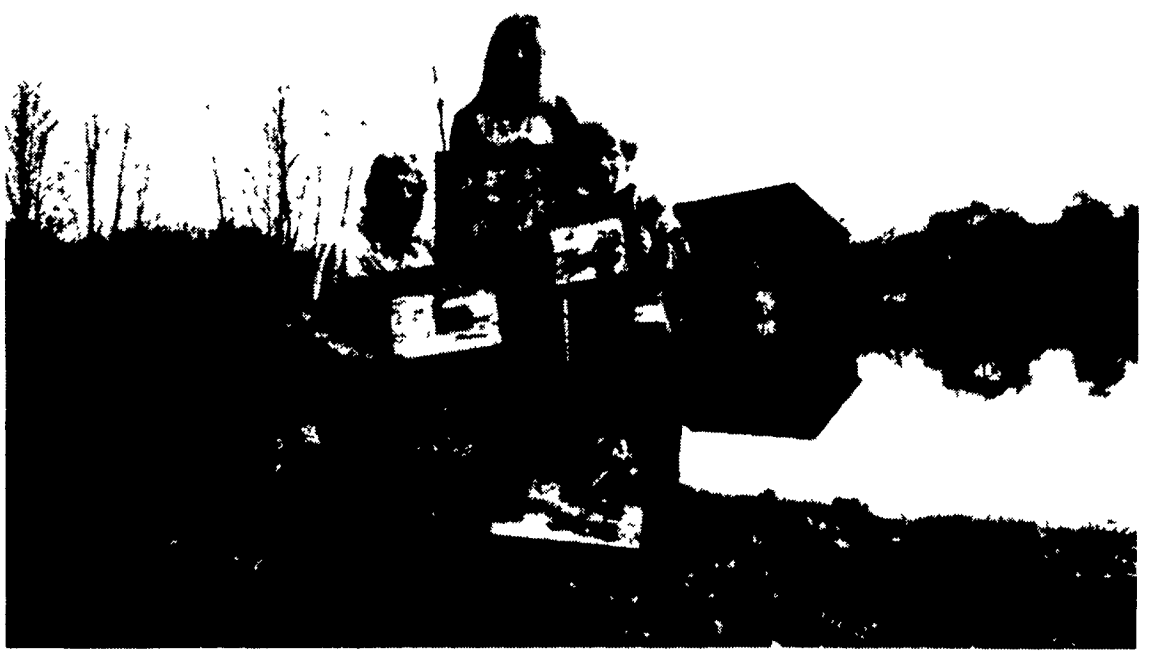
Adjacent to her work area is a gallery, which displays paintings that aren't at The Hand and Eye Gallery or other outlets. "My first one woman show was at The Hand and Eye Gallery in nearby East

(Turn to Page B4)

Artist Bobbi Becker shows some of her artwork at Small Wonders Antiques in New Windsor, Md.

Six-year-old Abraham sketches the teddy posing in front of him while Mom and Dad look on approvingly. Their 1810 home serves as a workplace and gallery for her paintings. Becker said she likes to bake bread in the wood cookstove in the background.

Homestead Notes



Painting is a family affair with the Beckers. Don, Bobbi and 6-year-old Abraham display some of her water colors in front of the farm pond. Don Becker makes the frames for his wife's work in the barn, and Abie provides her inspiration.

Seated in a rocker in front of the herb garden, Bobbi Becker makes a preliminary sketch while son, Abraham, looks on.

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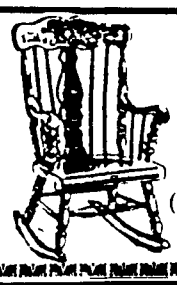

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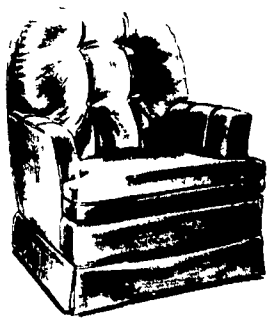

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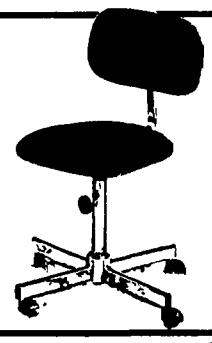

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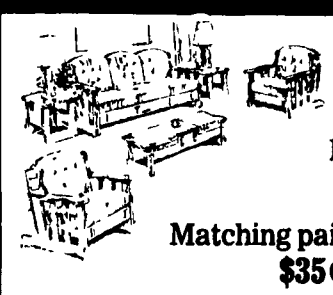

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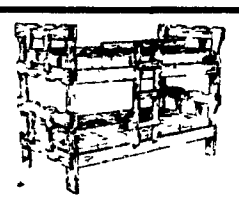

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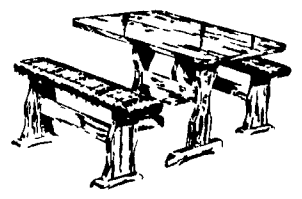

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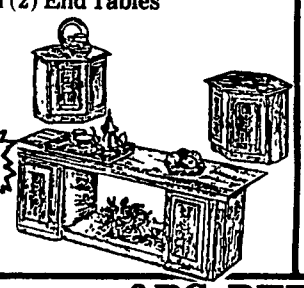

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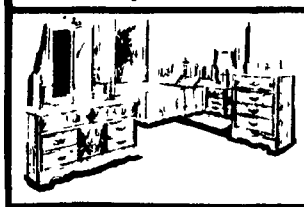

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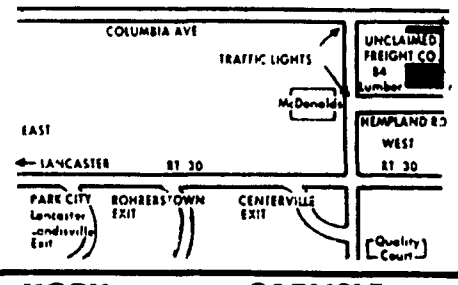

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Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Be Ready For Fire

During the holidays, electrical decorations and evergreens in the home increase the dangers of fire. Home fires take over 6,000 lives every year, so for your family's safety, prepare for fire emergencies so you won't be part of that number.

Here are some tips:

• Figure out at least two escape routes to the outside from every room in the house, especially bedrooms. Allow for blocking of stairways and halls by fire.

• Make it a rule to sleep with bedroom doors closed. Since many home fires break out after the family has gone to bed, the closed doors will hold back flames and smoke allowing extra time for you to escape.

• For escape from upper floors, use porch and garage roofs, ladders, or trees as ways down to safety. Be sure exit windows work easily so that even a child can open them. And make sure windows are low and large enough to climb through.

• Pick an outside assembly point, well away from the house, and be sure everyone understands the rule "Once out, Stay out."

• Know how to call the fire department from a street alarm box or a neighbor's telephone, and call them as soon as everyone is out of the house. Remember: it's people, not possessions that are important. Leave the house quickly and don't waste time trying to save valuables. They can be replaced...lives cannot.

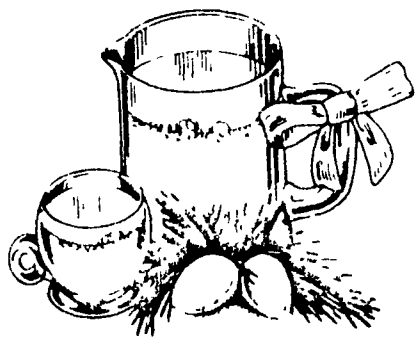
A little planning ahead can make your Christmas and your whole year a happy and safe one.

Prepare Homemade Eggnog Safely

To prepare homemade eggnog the safe way, choose a recipe that calls for cooking the eggs, sugar and part of the milk — if the milk is pasteurized. If you are using raw milk in the recipe, all the ingredients should be cooked after mixing.

Select eggs with clean, uncracked shells. Sometimes the outside of an eggshell has potentially harmful bacteria on it. When you break the egg, it may collect the bacteria by touching the outside shell. Because these bacteria do not effect the smell, taste or looks of the drink, you won't know whether such bacteria are present in the eggnog or not. You could become sick if your drink eggnog containing the harmful bacteria.

Cook eggnog to destroy possibly harmful bacteria. After preparation, keep the drink refrigerated to prevent bacteria from growing in the beverage.



New Oxford Artist

(Continued from Page B2)

Berlin," explains Becker in the catalog. "My dear friend and owner of the gallery, Susan Gettys, encouraged me with her unending enthusiasm for my work. The show was quite a success. I just didn't think it would go, but it was phenomenal."

Becker attributes the success of the enterprise to Susan Gettys and to husband, Don. "He makes my frames," said Becker. "I wouldn't be here if it weren't for those two," said Becker. "And Abie . . . He's my inspiration."

"It's a full-time job responding to ads and keeping up the books." Don Becker said he receives, on the average, 10 pieces of mail daily. "Between the book work, making the frames and doing the shipping, it keeps me busy," said Don. "I like working here and working for ourselves." Becker likened their business to farming; "when you are working for yourself, you work harder and longer days." Of his wife's works, Becker said "It really comes from within; it's really special to me."

Bobbie Becker offered some words of advice for aspiring artists. "Follow your heart. Develop your own style. Do what makes you feel good," she said.

"I'm really happy," added Becker. "There's a lot of feeling in my paintings and I hope that's what people get out of them."

For more information on Bobbi Becker's water color folk art, or to request the catalog of "limited edition prints and cards celebrating the simple pleasures in life," interested persons may write to P.O. Box 292, New Oxford, Pennsylvania, 17350.

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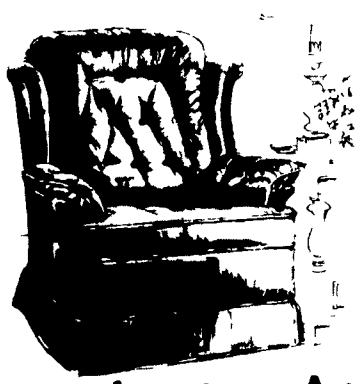

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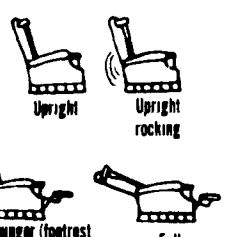

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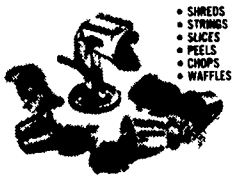

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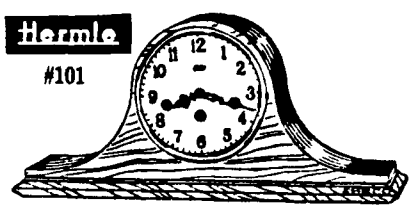

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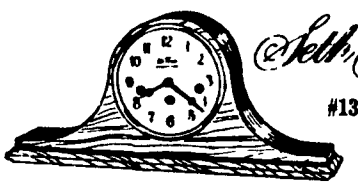

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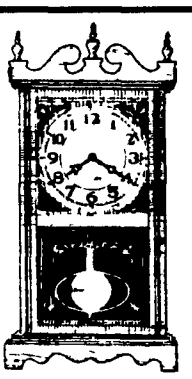

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THE MICRO WAY

LANI BLOOMER

Holiday Cheesecake

If you need a special dessert for the upcoming holidays, plan to make a cheesecake in your microwave. It's easy, fast, and delicious. And since it is made ahead of time, there's no last minute hassle.

Microwaved cheesecakes won't be browned, like one baked in the oven. However, some cooks say a properly cooked cheesecake shouldn't be allowed to brown–so the microwave is perfect!

Microwave Spring-Form Pan

If you have a 9-inch round plastic cake pan, you can use it to make a microwave spring form pan. (Glass cake pans have rounded corners and are not as high, so the filling runs over.) After the cheesecake is baked, you remove it from the pan and place on a serving plate for easy cutting and serving.

1. Cut a circle of clean corrugated cardboard to fit snugly inside the bottom of the cake pan. Coat one side of the circle with vegetable oil, set aside.

2. Cut an 18 to 20-inch piece of heavy plastic wrap. Use a wrap marked for microwave use so it won't melt during baking. Fold it in half lengthwise and lay across the top of the cake pan.

3. With the greased side up, press cardboard circle down into the pan on top of the plastic. The plastic wrap runs under the cardboard and sticks out each side as "handles" to lift the cheesecake from the pan. While baking the cheesecake, tuck plastic under the pan, out of the way.

4. After the cheesecake is chilled, lift from pan by pulling up on the plastic handles. Remove plastic. Run a long, thin knife carefully under crust to loosen it from the cardboard. Slide cheesecake off the cardboard and onto a serving plate. (The cheesecake could be served from the cardboard, but you might serve bits of the softened cardboard with the crust!)

To reduce the cooking time for cheesecakes or custard pies like pumpkin, partially precook the filling in a glass bowl until it is hot and begins to thicken. Then pour it in the crust to complete the cooking. This eliminates the need for very low power and solves the problem of the edges getting overcooked before the middle gets done. See Step 4 in the recipe below for this technique.

The following recipe is designed for a 9-inch round plastic cake pan which holds 2 quarts. The filling will not all fit into a 9-inch glass pan. Bake the extra in custard cups. Or, double the crust ingredients and make two 8 to 9-inch pies. Reduce the microwave time in Step 4 if not making one large cheesecake.

Chocolate Swirl Cheesecake

Crust:

3 tablespoons butter or margarine
1 square baking chocolate
1 cup finely crushed graham crackers
¼ cup sugar

1. In a small bowl, melt butter and chocolate. Microwave on medium (50,5) for 3 to 3½ minutes, stirring twice. Stir in cracker crumbs and sugar. Press mixture evenly on cardboard in bottom of microwave spring form pan or on the bottom of a greased 2-quart flat dish (8x10 inches).

2. Microwave on high for 1 minute to set crust. Set aside.

Filling:

3 8-ounce packages cream cheese
¾ cup sugar
4 eggs
1 tablespoon lemon juice
1 teaspoon vanilla
1 1-ounce square unsweetened baking chocolate
¼ cup sugar

1. Put cream cheese in a 2-quart glass bowl and microwave on medium (50,5) for 2 to 3 minutes to soften.

2. Add ¾ cup sugar to cream cheese and beat until fluffy and smooth. Add eggs, lemon juice and vanilla, beating after each addition until smooth. Remove ⅔ cup filling, set rest aside.

3. Put unwrapped chocolate in a 2-cup measure and microwave on medium (50,5) for 2½ to 3 minutes, stirring after 2 minutes, until melted. Stir in ¼ cup sugar, then stir in ⅔ cup of the filling.

4. Precook remaining vanilla filling: Microwave on high for 5 to 6 minutes, stirring every minute, until it is hot and starts to set around the edges. Stir until smooth and pour into the crust. Spoon reserved chocolate filling on top, and run a knife through filling to swirl chocolate.

5. Microwave on medium (50,5) for 12 to 14 minutes, until the center is almost firm. If your oven cooks unevenly, rotate the cheesecake every 3 to 4 minutes. The center should not be soupy when it is cooked. It jiggles like gelatin when you first remove it from the microwave. The center becomes more firm as it cools. Chill several hours or overnight before serving. Serves 10 to 12.

Tips: A plain graham cracker crust may be used instead of the chocolate crust if desired.

— For a plain cheesecake, omit last two ingredients and omit step 3. Precook plain filling for 6 minutes in step 4.

Note: The times given above are for microwave ovens with 600-700 watts of power. For 500 W add 10-15 seconds for each minute.

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Md. Horse Judging Team Takes 9th At National Contest

Maryland's 4-H horse judging team received honors at the National 4-H Horse Judging Contest held recently in Louisville, Ky. The team placed seventh in judging performance classes, sixth in oral reasons and ninth overall. Team members are, from left, Tracey Jennette, Tina Gray (8th individual in performance judging), Laruie Barnes and Tonna Caple. Tracey, Tonna and Laurie are Carroll County 4-H'ers; Tina is from Howard County. The team was coached by 4-H Extension Agent, Bob Shirley.

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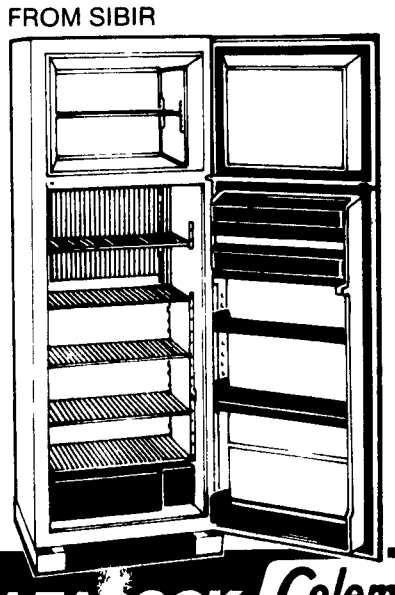

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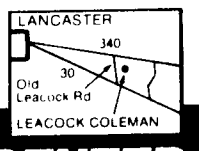

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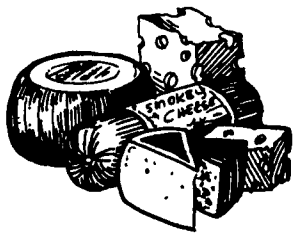
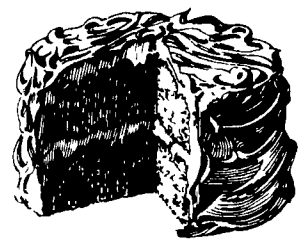


Home On The Range



Homemade Christmas Cookies: A Tasty Holiday Tradition

With all the shopping, decorating and visiting, the holiday season is one of the busiest times of the year. Add baking to that list of Christmas traditions, and you may begin to think each day should contain more than 24 hours.

To make the most of their time, many cooks have learned the benefits of sharing the baking with a friend or a relative. With two or more people working in the kitchen, you can make more (and burn fewer) cookies.

In addition, you'll have a fine time visiting while you mix, bake, package — and of course sample — your goodies. You may want to share a few of your tasty cookies with special friends, co-workers or neighbors.

This week Lancaster Farming readers have generously shared some of their favorite cookie recipes for you to sample in your own home.

CHRISTMAS ALMOND SOFTIES

2½ cups all-purpose flour
¾ teaspoon baking powder
½ teaspoon soda
½ teaspoon salt
1 teaspoon cinnamon
½ teaspoon nutmeg
1 cup butter
¾ cup sugar
1 egg
½ teaspoon vanilla extract
½ cup dairy sour cream
1 cup toasted finely ground almonds
Red and green maraschino cherries, drained, cut in half
Whole almonds

Preheat oven to 400°F. Combine flour, baking powder, soda, salt and spices. Beat butter and sugar until light and fluffy; add egg and vanilla, mixing well. Add dry ingredients alternately with sour cream, mixing well. Stir in almonds. Drop by rounded teaspoonfuls 2 inches apart onto unbuttered cookie sheet. Top each cookie with cherry half or almond. Bake 8 to 10 minutes or until light golden brown. Store in tightly covered container.

HOLIDAY BROWNIES

Brownies:
¾ cup butter
1 cup sugar
3 eggs
1 teaspoon vanilla extract
1 cup all-purpose flour
¾ teaspoon baking powder
¼ teaspoon salt
Red food color
2 squares (2 ounces) unsweetened chocolate, melted and cooled
1 tablespoon milk
Glaze:
1½ squares (1½ ounces) unsweetened chocolate
2 tablespoons butter
1½ cups confectioners sugar
1 teaspoon vanilla extract
3 to 4 tablespoons boiling water

For brownies: Preheat oven to 350°F. Beat butter and sugar until light and fluffy. Blend in eggs and vanilla. Combine dry ingredients; gradually blend into butter mixture. Divide batter in half. Drop chocolate batter by tablespoonsfuls in checkerboard fashion onto bottom of buttered 13x9-inch baking pan. Fill in spaces with pink portion of batter. Swirl with spatula to marble. Bake 20 to 25 minutes, or until wooden pick inserted in center comes out clean. Cool on wire rack.

For glaze: Melt chocolate and butter over low heat, stirring constantly. Remove from heat. Beat in sugar and vanilla until crumbly. Add water, 1 tablespoon at a time, until of pouring consistency. Spread over warm brownies. Let stand several hours or overnight. To serve, cut into bars.

PECAN PUFFS

½ cup butter, softened
2 tablespoons sugar
1 teaspoon vanilla
1 cup ground pecans
1 cup flour

Mix all ingredients and roll into balls. Bake at 300°F. for 45 minutes. Roll in confectioner's sugar.

Mrs. Carl Good
Peach Bottom

Share the spirit of Christmas with family and friends with homemade holiday cookies.

BUTTER SPRITZ COOKIES

Cream 1 cup butter. Add ½ cup sugar and beat until fluffy. Beat in 1 egg and ½ teaspoon almond extract. Blend in 2¼ cups flour. Divide dough into thirds. Add a few drops red food coloring to one third, green to one third, and leave the other third plain. Fill cookie press with each color or combine colors for a rainbow effect. Form into desired shapes and decorate. Bake at 350°F. for 8 to 10 minutes. Makes 4 dozen.

Mrs. Carl Good
Peach Bottom

PEANUT BUTTER 'N CRUNCH COOKIES

1½ cups packed brown sugar
1 cup butter or margarine, softened
1 cup creamy peanut butter
1 egg
1 cup quick-cooking oats
1 cup all-purpose flour
1 teaspoon baking soda
¼ teaspoon salt
1 cup M&M's plain chocolate candies
½ cup peanuts

Heat oven to 350°F. Mix brown sugar, margarine, peanut butter and egg in large bowl. Stir in oats, flour, baking soda and salt. Stir in candies and peanuts. Drop dough by rounded tablespoonfuls about 3 inches apart onto ungreased cookie sheet. Press 3 or 4 additional candies in each cookie if desired. Bake until light brown, about 10 minutes. Cool 5 minutes; remove from cookie sheet. Makes about 3 dozen cookies.

Annie Speicher
Lancaster

LEMON CUTOUTS

2⅓ cups all-purpose flour
1 cup quick or old fashioned oats, uncooked
½ teaspoon baking powder
½ teaspoon salt
1 cup butter
1 cup sugar
1 egg
2 tablespoons milk
2 teaspoons grated lemon peel
1 teaspoon vanilla extract

Combine flour, oats, baking powder and salt. Beat butter and sugar until light and fluffy. Add egg, milk, lemon peel and vanilla. Add dry ingredients to butter mixture, mixing well. Cover; chill 2 to 3 hours. Preheat oven to 350°F.

Roll dough to 1/8-inch thickness on lightly floured surface. Cut with floured assorted 2 to 3-inch cookie cutters. Place on unbuttered cookie sheet. Bake 8 to 10 minutes or until edges are light golden brown. Cool one minute on cookie sheet; remove to wire cooling rack. Decorate as desired.

CHOCOLATE OAT WHEELS

1 cup sugar
½ cup shortening
2 squares unsweetened chocolate, melted or 2 packets premelted chocolate
1 egg
2 tablespoons water
1½ teaspoons vanilla
1 cup flour
½ teaspoon soda
½ teaspoon salt
1 cup quick-cooking oats
½ cup chopped pecans or walnuts

Cream sugar and shortening until fluffy. Add chocolate, egg, water and vanilla. Beat well. Stir together flour, soda and salt. Gradually add to chocolate mixture. Beat well. Stir in oats and nuts. Drop onto ungreased cookie sheet. Flatten with glass dipped in sugar if desired. Bake at 350°F. for 10 to 12 minutes until edges are firm.

Arvilla Keeny
New Freedom

(Turn to Page B9)

Featured Recipe

Artist Bobbi Becker of New Oxford, featured in this week's Homestead Notes on page B2, enjoys cooking in the cookstove in the kitchen of their 1810 home. The simple pleasures in life find their way into Bobbi's pictures, which she sells through a catalogue and at shows. To learn more about Bobbi, her family, and her art, turn to page B2.

Potato Pie

Preheat oven to 375°F.
2 tablespoons butter
3 medium potatoes (peeled)
1½ teaspoons salt
2 eggs
½ cup shredded Swiss cheese
½ cup shredded mozzarella cheese
½ cup chopped onion
1 cup milk
½ teaspoon pepper
2 tablespoons parsley, chopped (fresh is best)
½ teaspoon paprika
½ teaspoon dry mustard

Spread 1 tablespoon butter over bottom and side of 9-inch pie plate. Shred potatoes in blender or on coarse grater. Drain. Sprinkle 1 teaspoon salt on potatoes. Press over bottom on side of pie plate to form crust. Sprinkle cheese over potato crust. Melt remaining 1 tablespoon butter in skillet. Add onion and cook until tender and transparent. Spread over cheese. Beat eggs with remaining ½ teaspoon salt, milk, pepper, parsley, paprika and mustard. Pour over onion and cheese in pie plate. Bake in 375°F. over for 40 to 45 minutes. Let stand 10 minutes. Great with a garden salad.

Recipe Topics

If you have recipes for the topics listed below, please share them with us We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit Send your recipes to Sue Keene, Lancaster Farming, P O. Box 366, Lititz, PA 17543

December

13-	Holiday Desserts
20-	Fireside Treats
27-	Leftovers

G-2
BOLTS, NUTS & FLAT WASHERS
87¢ lb

8 HOUR INVENTORY CLEARANCE SALE

SAT., DEC. 13, 1986 — 8 AM TO 4 PM

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CAR SPONGE **27¢**

FREE COFFEE & COOKIES

8 oz
ELMER'S GLUE **$1.00**

DEALS FROM DEPARTMENT 1

QTY.	DESCRIPTION	REG.	SALE
11	3 Pc. 33 Qt. Canners	25 65	17.97
7	3 Pc. 21½ Qt. Canners	16 89	11.87
5	3 Pc. 11 Qt. Canners	12 55	8.97
6	3 Pc. 7 Qt. Blanchers	14 99	9.97
3	10 Gal. Crocks	43 09	33.07
29	Clean 'N Shine Car Sponge	59	.27
40	Greeting Packaging Tape	2 99	1.47
2	15 Gal. Crocks	65 79	49.97
6	Bird Bath (Dish Only)	11 99	7.97
6	Lg. Sizes Short Sleeve Western Shirts	15 99	7.97
6	Silverware Caddy	2 69	1.47
2	5 C. S.S. Squeeze Sifter 616982	8 19	4.99
4	12" Max.-Min. Thermometer	17 29	9.99
1	Quartz Wood Clock 652970	18 39	12.99
12	Mirro Cake Pan w/Lid 609706	8 09	4.88
1	Oster Elec. Food Grinder 642665	79 79	59.99
1	Hanson Kitchen Scale (25 Lb.)	18 89	13.79
10	Boot Tray	5 59	4.59
8 Pr.	Child's Tingley Boots	5 00	2.50
18 Bxs.	Marcal Tissues	79	.49
6	J.D. Baler 18130-132	17 99	14.69
8	J.D. Forage Harvestor 19671-132	13 88	11.75
6	J.D. Forage Wagon 19688-132	13 88	11.75
3	I.H. Tillage Plow 18807-132	13 79	11.99
6	I.H. Barge Wagon 18151-132	7 99	6.79
6	I.H. Tractor 18937-132	7 99	6.79
6	I.H. Plow 18176-132	7 99	6.79

DEALS FROM DEPARTMENT 3

QTY.	DESCRIPTION	REG.	SALE
½ Ton	Discontinued, Overstocked or Unidentified Parts for Hay Mowers, Etc.	?	lb./.15
2	10x100 6 Mil Clear Poly Film (Imperfect)	22 05	10.00
4	20x100 6 Mil Black Poly Film (Poor Box)	44 10	20.00
1	Trigger Wand Spray Gun for Sprayer	?	29.00
200	1⅞, 2, 2¼ & 2½ Muffler Clamps	49	²/.87
400 Ft.	¼" 1250 Lb. Load Steel Chain	1 09	ft./.87
400 Ft.	¼" 3150 Lb. Load Steel Chain	2 65	ft./1.97
400 Ft.	¾" 1200 Lb. Load Blue Polypropylene Rope	44	ft./.37
20	Pressure Regulator for Sprayers 16498-100	25 99	14.97
1	Unidentified Unusual Hydraulic Control Valve		20.00
2	AgroFarm Grain Moisture Tester w/Probe	225 00	100.00
2	Digital Farmex Grain Moisture Tester 23956-102	169 00	130.00
1	Trailer Hitch for 78-82 Ford LTD and Others #102	32 79	15.97
1	Trailer Hitch for 81-83 K Cars and Others #214	32 79	15.97
12	Corn Planter Runners for IH 16702-255	27 99	23.97
250	10W40 Pennzoil Motor Oil	qt /1.45	qt./.99
250	10W30 Pennzoil Motor Oil	qt /1 45	qt./.99
250	30 HD Pennzoil Motor Oil	qt /1 29	qt./.95
250	15W40 Pennzoil Motor Oil for Gas or Diesels	qt /1 45	qt./.99
2	7.00 to 7.50-16 Tire Chains #1850	pr /52 19	pr./39.97
2	7.00 to 7.75-14 Tire Chains #1840	pr /47 19	pr./35.97

DEALS FROM DEPARTMENT 4

QTY.	DESCRIPTION	REG.	SALE
12	3 Oz. Spray Enamels (Asst. Colors)	1 99	1.00
2	Hesston Red (Qt.) 9470-060	5 39	2.00
1	Cat Yellow (Qt.) 9492-060	5 39	2.00
1	MM Gold (Qt.) 9432-060	5 39	2.00
2	Hesston Red (Gal.) 9469-060	16 99	8.00
3	Tub & Tile Epoxy	12 49	4.00
1	Tile & Grout Magic	2 63	.50
1	Elmer's Concrete Bonder (Gal.)	14 29	7.50
2	Paint Insect Additive	3 79	.50
1	Power Painter (Rental)	174 99	99.00
6	Painter Tape	2 35	1.00
46	Paint Roller & Tray Set		.99
6	Painter's Mitt	2 85	1.60
4	Pryme Wood Lightner (Qt.)	8 69	5.00
30	Satin - Polyurethane Spray	2 89	1.75
1	Clear Sealant (Gal.)	23 49	15.00
15	Spar - Urethane (Qt.) High & Semi-Gloss	9 19	7.50
1	Mailbox	32 49	20.00
7	Apartment - Rent Signs	49	.10
5	Gypsy Moth Trap	10 29	4.00
5	Pool Algicide (Gal.)	8 29	4.00
2	Pool Test Kit	5 09	2.50
10	Q-Mist Insect Killer	35 10	10.00
6	Dragon Fruit Tree Spray (Pt.)	8 29	4.90
36	Ant Traps	1 89	1.00
6	Dragon Tomato Spray	3 59	2.00
18	Latex Barn Paint (5 Gal.)	39 99	22.00
5	Finish Support Package 8"	37 99	20.00
3	Air Deflectors	2 39	.75
6	Wall Support Kit 6"	23 19	10.00
2	12" Chimney Brush	24 60	12.00
14	Furnace Filter 8x16		.25
4	Furnace Filter 10x24		.25
16	Furnace Filter 10x20		.50
18	Rain Gutter Joints		1.00
2	Remmington 12" Elec. Chain Saw	49 99	30 00

PLUS 10% OFF ALL OTHER MERCHANDISE

DEALS FROM DEPARTMENT 2

QTY.	DESCRIPTION	REG.	SALE
1	B&D 7" Professional Sander/Grinder	165 19	129.00
1	B&D 7" 2-Speed Sander/Polisher	97 49	50.00
1	B&D Bench Top Workmate	54 29	35.00
2	Skil ¼" H.D. V.S. Reversing Drill	77 35	40.00
6	4" Wood Shelf Bracket	3 79	2.50
5	6" Wood Shelf Bracket	5 19	4.00
6	10" Wood Shelf Bracket	7 39	6.00
6	5"x8" Wood Corbel	3 29	2.00
2	7"x10" Wood Corbel	3 65	2.50
1	7"x48" Wood Shelf	8 85	5.00
4	7"x36" Wood Shelf	9 25	6.00
2	5½"x36" Wood Shelf	5 85	2.50
4	9"x48" Wood Shelf	15 19	11.00
3	9"x36" Wood Shelf	11 09	7.00
7	9"x24" Wood Shelf	7 39	4.00
6	7"x24" Wood Shelf	4 75	2.50
1	Clothes Hamper	16 00	10.00
12	2½ Gal. Gas Can	11 89	7.50
7	Wen H.D. Electric Soldering Gun	19 19	15.00
10	Staple Guns (Uses Arrow Staples)	12 35	8.00
1	Spinning Organizer	49 99	20.00
All	Timex Watches in Stock (Range from 9.95 to 32.95)		25% Off!
6	Hot-Shot Sho-Stick	9 95	6.00
11 Bxs.	Tomorrow Dry Cow Antibiotic	24 60	15.00
18 Bxs.	Today Lactating Cow Antibiotic	24 60	15.00
75 Cases	Thrifty Towels (Many Uses)	14 99	10.00
9	14½" Wrecking Bar	4 89	3.00
5	Homeowner's Tool Kit	13 49	8.00
6	Disston 8 Pt. Hand Saw	24 95	12 00
4	10" Vise Grips	9 69	8.00
50	13 oz Stanley Claw Hammer		3.00
100	12 ft Stanley Leverlock Tape		4.00
40	4 Pc Stanley Screwdriver Set	3 49	2.50
24 Rolls	Roll Roofing ½ Lap w/Black Stone	15 99	9.00
2	B&D Car Vac (12 Volt) #9510	24 19	16.97
20	Tractor Seat Cover ("Pan Type") 9787-064	4 99	2.97
1	15x32 Sliding Grain Gate	?	8.00
1	Eli EasyLoader Toolbox (Damaged)	99 99	79.97
2	Draw Bar 13248-063	59 99	39.97
4	⅜x25' Fuel Line Hose	12 39	9.97
50	Pennzoil Filters (Limited Applications)	3 29	1.97
1	5' Rotary Cutter 23557-280	499 99	399.97
1	6' Rotary Cutter 23655-280	769 99	599.97
1	10 Ton Zimmerman Wagon Gear	853 85	769.97
10	16 Ft. Tubular Farm Gates	67 35	47.74
1	Truck Bed Liner BDS 3832	239 00	100.00
1	Truck Bed Liner BNL 3851	239 00	100.00
2	Truck Bed Liner BSL 2821	239 00	100.00
1	Truck Bed Liner BIL 3801	239 00	100.00
1	Industrial 5 HP Air Compressor 72853		1273.90
8	4" Lap Roll Roofing (Black Grit)		9.99
8	½" Lap Roll Roofing (Black Grit)		9.99
3	3" Rd. Rain Gutter Elbows	1 59	.80
2	Rain Gutter End Piece	2 99	1.70
1	B&D Shrub Trimmer	59 39	35.00
5	B&D Grass Shear	59 39	35.00
30	8 Oz. Elmer's Glue	1 79	1.00
12	Asst. State Maps	1 50	.50
12	Epoxy Glue	2 59	1.50
1	Bug Killer 17992-113	49 99	30.00
4	Bug Killer 18026-113	119 99	75.00
1	Bug Killer BK 3050	126 00	65.00
200	White Safety Zone Signs		1/2 Price
1	Toro Power Blower Acces.		5.00
1	Paramont Power Blower Acces.		5.00
8	Rust-Coat Primer (Pt.)	4 69	2.90
2	Dragon Sevin 5 (2 Lbs.)		1.00
1	Bug Killer BK 2025	109 99	65.00
	Minwax Spar-Urethanes (All Sizes)		15% Off!
2	Minwax Refinisher (Qt.)	8 79	7.49
6	Minwax Refinisher (Pt.)	5 49	4.99

DEALS FROM DEPARTMENT 6

QTY.	DESCRIPTION	REG.	SALE
3	Barn Fans 2-Speed 30'		149.99
23	Lamp Converter Touch Control	13 39	7.97
1	Wall Lantern (Brass Finish)	70 19	39.97
23	Fluorescent Lamps F30T12-CW	2 95	97
18	Toilet Bowl Gasket	79	47
7	Ice Maker/Humidifier Installation Kit	7 05	4 47
30 Bxs.	Wire Connectors (Yellow) (100 per Box)	3 45	1 17
1	42 Gal. Tank (Tall)	134 99	76 97
17	Disposal Stopper (Fits Sinks & Tubs)	1 79	.17
6	Replacement Hose for Sink Spray Head	4 15	2.17
6	Tub Spout (Fits All)	6 15	3.87
23	Drain Stopper Fits 1⅝" to 1¾"	89	27

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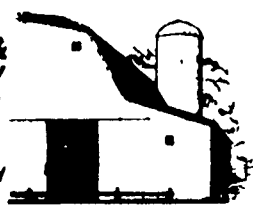

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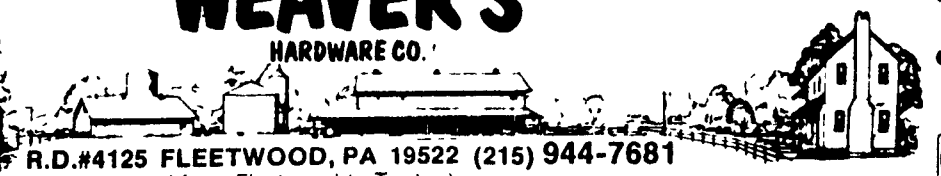

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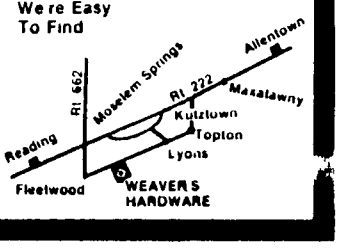

Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Lititz, Pa. 17543. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION - Geraldine Smith, Felton, would like a recipe for frosting that is on the butterscotch crumpets made by Tastykake.

QUESTION - Harold Latshaw, Walnutport, would like recipes for kipfels, nut rolls and cookies.

QUESTION - Mrs. Edith Rader, Holmes, would like a recipe for pan pudding that is not gummy.

QUESTION - James Kane, Shirleysburg, would like a good recipe for beef jerky.

QUESTION - Mrs. Willis Newswanger, New Holland, would like a recipe for a centerpiece using moth balls, water and citric acid. The moth balls continue bouncing up and down like snow balls.

QUESTION - Debbie Mast, Collegeville, would like a recipe for "Kugelhupf," made with yeast, flour, eggs and butter.

QUESTION - Arline Koons would like a recipe for opera fudge.

QUESTION - Arlene Myers, Wellsville, would like a recipe for knepp and raisins. It is light and fluffy like shortcake made on top of the stove and is eaten with milk.

ANSWER - Mary Winters, Elizabethtown, requested a recipe for walnut brittle Thanks go to Geraldine Smith of Felton, who shared the following recipe.

Black Walnut Brittle

2 cups sugar
½ cup light corn syrup
⅓ cup water
¼ teaspoon salt
3 tablespoons butter
1 cup broken pieces of black walnuts
1 teaspoon vanilla

Mix the first five ingredients in a heavy saucepan. Bring to a boil, stirring until sugar is dissolved. Add nuts and continue to cook until mixture reaches 300°F. on candy thermometer or hard brittle. Remove from heat, add vanilla and pour into buttered pans to cool. Makes 1¼ pounds.

ANSWER - Rita Eisensmith, Mt. Wolf, requested a recipe for homemade chicken nuggets like the ones served at McDonald's. Thanks go to Donna Lencoski of Latrobe who shared the New Nuggets recipe (this is reported to be a close McDonald nugget) and to Frances Homa, Alpha, N.J. for the Crispy Chicken Nuggets, (Not like McDonalds, but good)

New Nuggets

1 to 1½ pounds processed chicken loaf lunchmeat cut into poker chip ¼-inch thick sizes
Almost 1 cup flour in a shallow dish
3½ cups club soda
3 cups boxed pancake mix
1½ pints oil for frying

Moisten nuggets in water and dust lightly with flour. Let dry on waxed paper for 3 to 4 minutes while you mix soda and pancake mix until smooth. With tip of sharp knife, spear 1 chunk and dip, letting excess drip back into bowl Drop into 385°F. oil. Fry only 2 to 3 minutes on each side. Keep pieces warm in 300°F oven. Makes 4 servings.

Crispy Chicken Nuggets

1¼ pounds chicken nuggets
1⅓ cups mayonnaise
¾ cup corn flake crumbs
1 teaspoon salt
¼ teaspoon pepper
½ cup milk
½ cup shredded cheese
¼ teaspoon dried thyme leaves

Brush nuggets with ⅓ cup mayonnaise. Add salt and pepper to crumbs. Coat nuggets. Place in greased baking pan. Bake in 350°F. oven for 35 to 40 minutes Stir milk into 1 cup mayonnaise, add cheese and thyme. Cook over medium heat, stirring constantly, 10 minutes Serve sauce with nuggets. Serves 4 to 6.

ANSWER - Judy Looney, New Castle, Va , requested a recipe for hot pickled eggs. Thanks go to Frances Homa, of Alpha, N.J , who shared the following recipe.

Pickled Eggs

18 hard cooked eggs, shelled and chilled
1 onion, sliced
1¾ cups white vinegar
¾ cup water
3 tablespoons brown sugar
½ teaspoon garlic salt
5 peppercorns
1 whole clove
Few dill seeds
Piece of ginger root

Combine all ingredients except eggs in a saucepan, bring to boiling and cook gently about 5 minutes. Put the eggs into two one-quart jars. Cover jars, cool and refrigerate at least overnight to develop flavor. Eggs may be stored up to 2 weeks.

QUESTION - Mrs. James Karlheim, Patton, requested a recipe for a coal garden. Thanks go to Mrs. John Becker, Paradise, for sharing this recipe she copied out of the Feb. 14, 1981 issue of Lancaster Farming.

Coal Garden

6 tablespoons water
6 tablespoons salt
6 tablespoons liquid laundry bluing
1 tablespoon ammonia

I mixed mine in a used tin can Place pieces of coal in a glass bowl or a pie pan. Pour solution over coal. To obtain colored growth, food coloring can be added. Grows best where warm and dry. To keep it growing, carefully add more liquid at the side.

Franklin County Evergreen Seedling

CHAMBERSBURG – The Annual Tree Seedling Sale of the Franklin County Conservation District is now in progress.

This year's seedlings must be purchased in bundles of 25 per species. This insures you of receiving first quality seedlings since packets will not have to be opened upon arrival from the nursery.

The seedlings will be available for pickup around the end of April. Those ordering tree seedlings will be notified by mail of the date and pickup area.

Species available this year include: Scotch Pine (Spanish Strain), White Pine, Austrian Pine, Douglas Fir, Concolor Fir, Colorado Blue Spruce, Norway Spruce, Red Maple, Silver Maple, Sugar Maple, Red Oak, and Mugho Pine.

Orders may be placed by stopping by the Conservation District Office at 550 Cleveland Avenue, Chambersburg, PA 17201, or phoning our office at 264-8074 for an order form.

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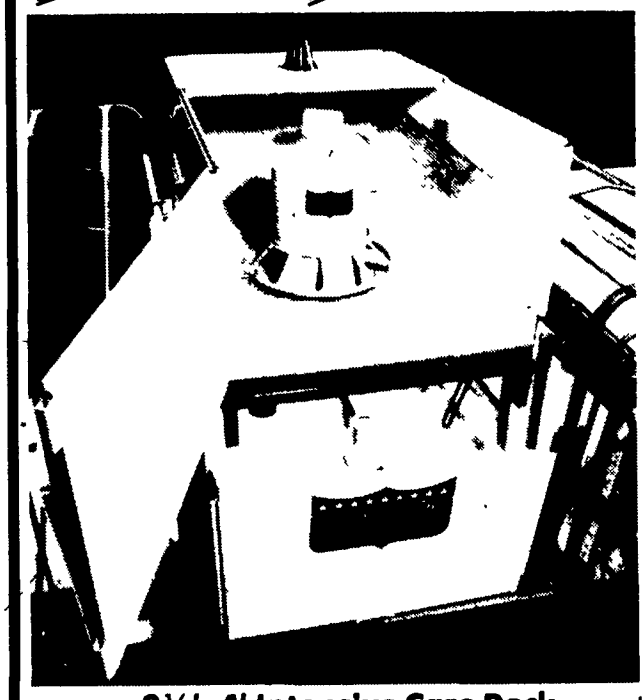

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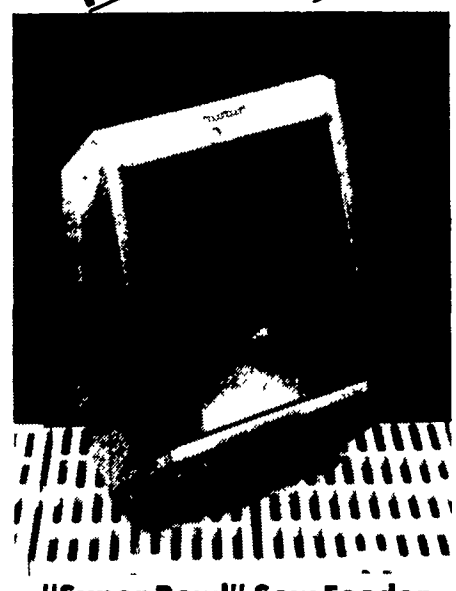

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- Optional Rubber Creep Mat
- Easy Removal For Cleaning
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"Triple Treat" Creep Feeder
- Durable Polyethylene Plastic
- Easy Removal For Filling or Cleaning
- Holds 1 Gal. Liquid Milk Replacer
- Holds 5 Lbs. Dry Pellets
- Can Dispense Medicated Water
- One Feeder - Three Uses

Homemade Christmas Cookies

(Continued from Page B6)

DOUBLE CHOCOLATE CRUMBLE BARS

½ cup butter
¾ cup sugar
2 eggs
1 teaspoon vanilla
¾ cup flour
1 tablespoon cocoa
¼ teaspoon baking powder
½ cup nuts
½ teaspoon salt

Beat all ingredients together well. Spread in bottom of greased 9x13-inch pan. Bake at 350°F. for 20 minutes. Sprinkle with 2 cups mini marshmallows. Return to oven for 3 minutes. Cool and frost with the following:

1 cup chocolte bits
1 cup peanut butter

Melt and stir. Add 1½ cups crispy rice cereal.

Ruth Weber
Hagerstown, Md.

THUMBPRINT COOKIES

½ cup shortening (part butter or margarine)
¼ cup brown sugar (packed)
1 egg, separated
½ teaspoon vanilla
1 cup flour
¼ teaspoon salt
¾ cup finely chopped nuts
Jelly or tinted confectioner's sugar icing

Preheat oven to 350°F. Mix shortening, sugar, egg yolk and vanilla thoroughly. Blend together flour and salt and stir in. Roll dough into balls — 1 teaspoon per ball. Beat egg white slightly with fork. Dip balls in egg white; roll in nuts. Place about 1 inch apart on ungreased baking sheet. Press thumb gently in center of each. Bake 10 to 12 minutes or until set. Cool. Fill thumbprint with jelly or tinted icing.

Arlene Hostetler
Cottage Grove, Tenn.

CARAMEL DELIGHTS

¼ cup butter
¾ cup confectioner's sugar
1 teaspoon vanilla
¼ teaspoon salt
2 tablespoons evaporated milk
2 cups flour

Cream butter, add sugar. Blend in vanilla, salt and milk; gradually stir in flour. Roll dough to 1/8-inch thickness. Cut with cookie cutter and place on cookie sheet. Bake at 350°F. until light brown. Cool.

Topping:

28 light candy caramels
¾ cup butter
¼ cup evaporated milk
1 cup confectioner's sugar
1 cup pecans, chopped fine

Melt caramels with milk and butter over low heat, stir until melted, then add sugar and nuts. Spread over cookie, then top with a dab of chocolate.

Chocolate Icing

½ cup chocolate chips
3 tablespoons evaporated milk
1 tablespoon butter
½ teaspoon vanilla
¼ cup confectioner's sugar

Melt chocolate chips with milk and butter over low heat. Blend in vanilla and sugar. Top each cookie with a small amount of icing.

Debbie Guntz
Collegeville

AUSTRIAN NUT BUTTER COOKIES

1 cup flour
⅓ cup sugar
⅔ cup chopped blanched almonds
½ cup butter
Jam
Blanched almonds, halved

Sift together flour and sugar; add nuts and mix. Blend in butter with fork until dough clings together. Chill. On lightly floured surface, roll dough into 1— inch thickness. Cut into 1½- or 2-inch circles with floured cutter. Place on baking sheets. Bake 7 to 10 minutes. Remove to rack to cool. Make into sandwiches by spreading jam between two cookies. Top with chocolate frosting. Top with almond half.

Barbara Russell
Pine Bush, N.Y.

GERMAN SOFT SUGAR COOKIES

4 cups flour
1 teaspoon soda
1 teaspoon cream of tarter
¾ cup shortening
3 cups light brown sugar
1 cup buttermilk
3 eggs
1 teaspoon vanilla
½ teaspoon nutmeg

Sift flour, soda and cream of tarter. Cream shortening, sugar and eggs until fluffy. Gradually add dry ingredients and milk. Sprinkle with sugar or brush with egg. Bake 8 to 10 minutes at 375°F.

Mrs. Gloria Sweigart
Manheim

CHEWY PEANUT BUTTER BROWNIES

½ cup peanut butter
⅓ cup butter or margarine
1 cup sugar
¼ cup packed brown sugar
2 eggs
1 cup flour
1 teaspoon baking powder
¼ teaspoon salt
1 6-ounce package chocolate chips
½ teaspoon vanilla

Beat first 2 ingredients until blended. Gradually add sugars and beat until fluffy. Add eggs, one at a time, beating well after each. Add dry ingredients and mix well. Stir in chocolate chips and vanilla and spread in buttered 9-inch square pan. Bake at 350°F. for 30 to 35 minutes. Cool in pan. Makes 16 squares.

Mrs. David S. Blank
Kinzers

COCONUT KISSES

½ cup granulated sugar
¼ cup flour
½ cup raisins
½ cup candied cherries
3 cups coconut
½ teaspoon salt
½ cup canned milk
1 teaspoon vanilla
Extra coconut

Combine all ingredients and mix well. Form into small balls and roll into extra coconut.

Mrs. Clarence Buckley
Liverpool

RASPBERRY NUT PINWHEELS

2 cups flour
1 teaspoon baking powder
1 stick margarine
1 cup sugar
1 egg
1 teaspoon vanilla
¼ cup seedless raspberry jam
1 cup finely chopped walnuts

Mix all ingredients except jam and nuts. Roll out between 2 pieces of waxed paper to a 12x10-inch rectangle. Remove top sheet and spread with jam; sprinkle with nuts. Roll up dough jelly-roll style, removing wax paper as you roll. Wrap roll in wax paper again and refrigerate for several hours or overnight. Preheat oven to 375°F. Cut roll into generous ¼-inch thick slices. Transfer to ungreased sheet. Bake for 9 minutes or until golden around edges.

Donna Lencoski
Latrobe

LEMON SOURS

1 cup cake flour
2 tablespoons granulated sugar
1/8 teaspoon salt
⅓ cup softened butter
2 eggs, slightly beaten
1 cup brown sugar
½ cup chopped pecans
½ cup fine coconut
½ teaspoon vanilla
⅔ cup confectioner's sugar
1½ tablespoons lemon juice

Measure flour, granulated sugar and salt; cut in butter until mixture is crumbly. Press firmly into a greased 9-inch square pan. Bake at 350°F. for 15 minutes or until lightly brown. Meanwhile, mix eggs, brown sugar, nuts, coconut and vanilla. Pour over baked pastry. Bake 30 minutes longer or until topping is firm. Cool 15 minutes. Mix confectioner's sugar and lemon juice until smooth. Spread on baked mixture. Cut, then cool.

MONSTER COOKIES

2 eggs
⅔ cup brown sugar
⅔ cup granulated sugar
½ teaspoon light corn syrup
½ teaspoon vanilla
⅓ cup oleo, melted
1 cup peanut butter
3 cups oatmeal
⅓ cup chocolate chips
⅓ cup M & M's
1¼ teaspoons soda

Mix all ingredients together without mixer. Beat eggs, stir in other ingredients. Bake on ungreased cookie sheet. Bake at 350°F. for 12 minutes.

Debbie Guntz
Collegeville

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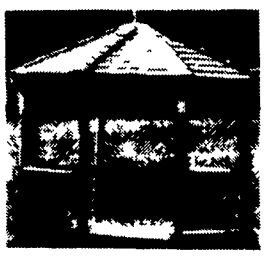

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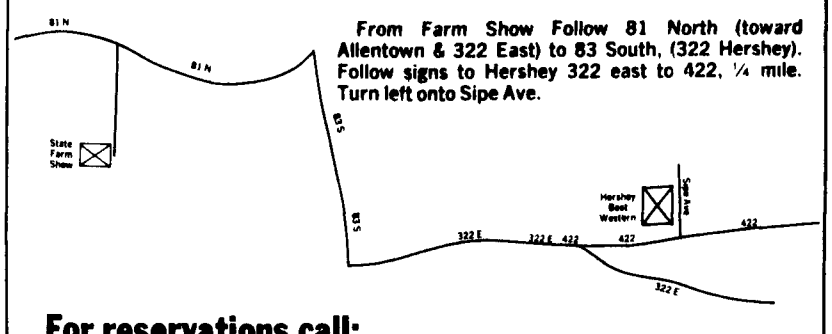

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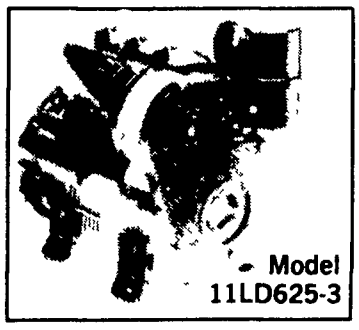
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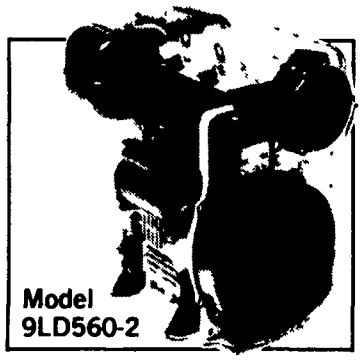
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Highway Collisions Kill Thousands Of Deer, Cause Vehicle Damage

GETTYSBURG — Gettysburg bristles with cannons, statues, markers, observation towers, and white-tailed deer.

It's not uncommon to see the deer contentedly browsing just a few yards away from tourmobiles filled with visitors. The gentle scene draws mixed emotions from the town's residents. Besides treading down gardens, the deer pose a hazard to drivers.

"Deer-car collisions got so bad around here that the National Park Service, which administers Gettysburg National Military Park, convinced the state to impose a 40-mile-an-hour speed limit on all roads within three miles of the town," says Dale Sheffer, game-management chief for Pennsylvnaia.

Tourists Involved Often

Sheffer, a Gettysburg resident, says the speed limit has helped, but accidents are still common, especially among tourists, who are often unaware of the danger. Most wildlife experts agree that in protected areas around national parks and suburbs, where hunting is now allowed, deer become docile and the accident rates go up.

But the hazard extends far beyond parklands. It has been estimated that from 200,000 to 350,000 deer are killed on the nation's highways each year. The problem peaks during October and November, when bucks are on the prowl for prospective mates, and in the spring, when young deer born the year before strike out on their own.

Hunters still take more deer than the highways. About 2.5 million deer are "legally harvested" by licensed hunters each year, according to the National Rifle Association.

Pennsylvania, with its extensive highway network and large deer population of almost 1 million, claims more highway deer kills than any other state. In 1985, Pennsylvania officials tallied 26,180 such deaths, but unreported ones may have brought the total to almost 40,000, says Sheffer.

There's a human toll in many states, too. Michigan, another state with a large deer population, reported five deer-collision fatalities in 1984. One of them was a woman who was decapitated when a deer crashed through her windshield.

Ed Langenau, big-game supervisor for the Michigan Department of Natural Resources, estimates that the 26,420 deer-related accidents in the state in 1984 caused about $46 million in damages. Figures for 1985 are still being compiled, but he thinks they'll be higher.

Damage Usually Severe

Damage to vehicles accounted for more than half the total. "An impact between a car and deer usually results in severe damage," says Thomas G. Roberts, assistant vice president of material damage for Government Employees Insurance. "Usually we're talking a minimum of between $800 and $1,200."

Michigan, like many states, tries to check the accident rate and crop damage by promoting an active hunting season, which brings in revenues and reduces deer herds.

"Our deer population mushroomed in the early 1980s," says Nathaniel R. Dickinson, a big-game expert with the New York State Department of Environmental Conservation. "We had to stop the rapid increase, so we started issuing a larger number of hunting permits."

Attempts by states to keep roads safe for both deer and people go far beyond hunting. Fences and underpasses erected to avoid collisions are common in many states. Deer-warning signs can be found coast to coast.

The sight of a deer beside the road may be the dream of every Rocky Mountian tourist, but the dream could quickly become a nightmare. Hundreds of thousands of deer are struck and killed by automobiles on North American highways every year. Many of those collisions mean death or serious injury for drivers and passengers. Deer warning signs are found from coast to coast, but they are seldom heeded, highway officials say.

"Fences are an expensive proposition," says Sheffer. "A good deer-proof fence has to be at least eight feet high, and it costs about $20,000 per mile just to line one side of a road. Then there's the follow-up maintenance."

Faced with rising costs, states are looking at less expensive ways to cope with the problem.

In some places, state police, sherrif departments, and local wildlife officials are experimenting with small devices, mounted on a grille or bumper, that emit ultrasonic waves. Inaudible to the human ear, the sound waves move about a quarter of a mile ahead of vehicles and supposedly scare away animals, including dogs.

Bouncing The Glare

A new roadside reflector looks promising to some wildlife experts. Designed to alert deer to danger in low-light conditions, when most accidents occur, its prisms act as a sort of strobe light, bouncing the glare from headlights into the woods or fields. Stretches of highway lined with devices in Washington state showed a marked downturn in deer collisions. Other states are considering the units.

No matter what the precautions, deer-car confrontations will probably remain a fact of outdoor life.

Experts offer these words of caution:

Drive carefully in deer country, especially in low-light conditions, and note warning signs. They denote places where deer have been hit by cars.

If a deer is spotted, slow down, and don't immediately speed up again, even if the animal has cleared the road well ahead of you. Deer usually travel in small bands, and a second deer might be right on the heels of the first.

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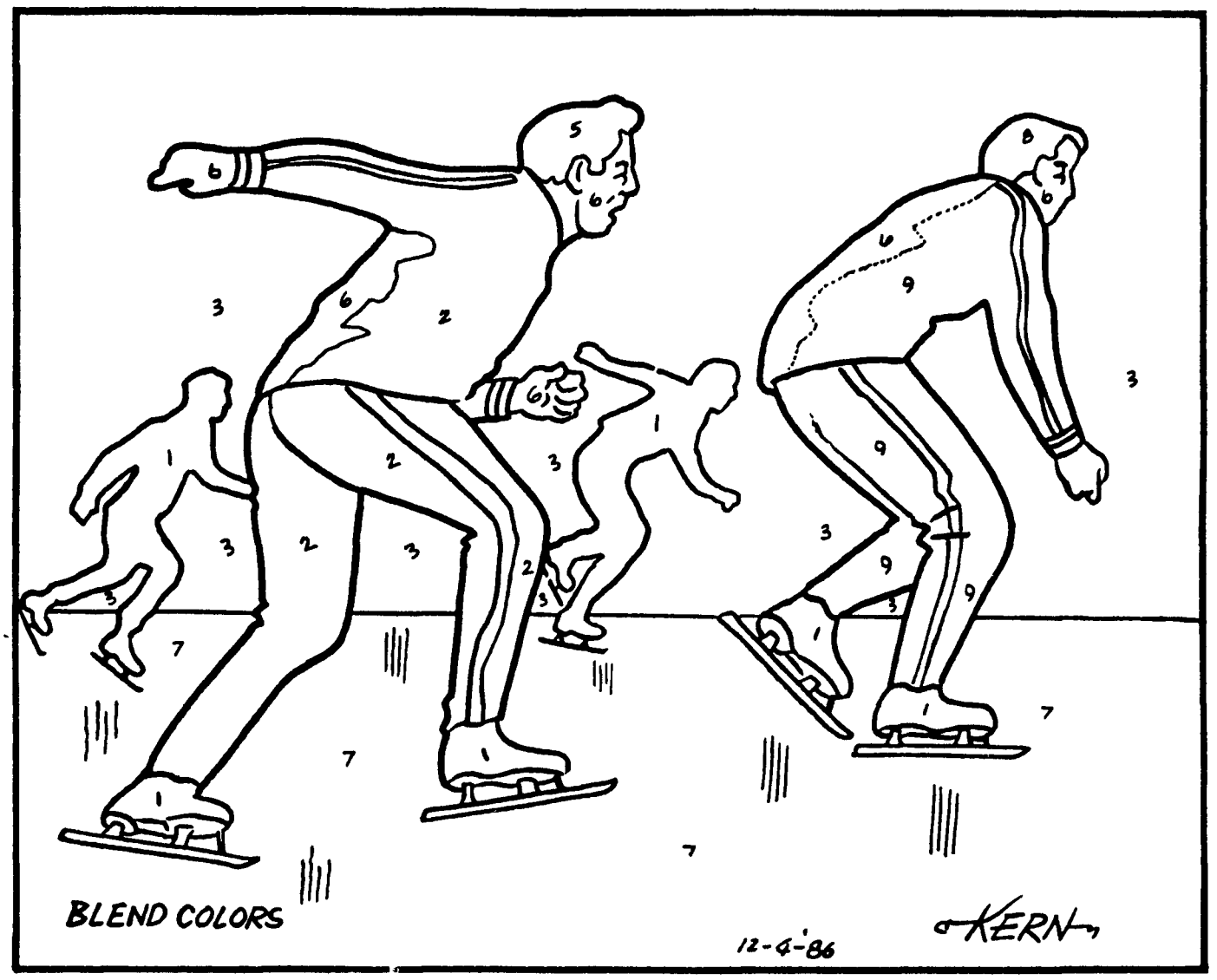

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On being a farm wife -And other hazards

Joyce Bupp

Sharing our household with other creatures has long been a way of life here; and falling over four-legged furries no longer even gets a second thought.

We shelter everything from Rhett the tiger cat who is frequently smuggled into a kid's bed for the night, to our anti-thunder pooch snatching a safe corner in a summer storm, to infant piglets and curly lambs snuggled up in cardboard-box nurseries.

"I brought you a present," sweetly said the farmer on a gray, chilly afternoon two weeks ago.

"If it breathes and eats I don't want it," was my ungrateful reply.

"It does," he affirmed, and left. But the tiny, wet, newborn calf, whose inexperienced mother refused to clean and care for it, was shivering. Where else should it go but near the basement woodstove to warm up and dry off? So, while we crawled over a temporary pen of lawn chairs erected in the basement, that minor inconvenience was readily traded off for the healthy calf now out bawling for a bottle.

Maybe you mellow after years of sharing a house with creatures. Or give up fighting it. Or perhaps it was because I'd been in quiet basement seclusion writing copy for a couple of hours. Maybe it was because it was getting late and my mind was weary and in need of diversion, that the spider became so fascinating.

A tiny creature, maybe a quarter-inch high and half-inch across, it was trotting across the basement carpet. When it turned up moments later, high atop the obstacle of a barn shoe, I absent-mindedly watched it a bit. Then, when the spider headed back down the shoe, got to the rounded leather toe, and literally leaped to the floor, a jumping distance at least double its height, my curiosity was piqued.

Jogging a foot or so farther, it again leaped from a dead standstill upwards about an inch, onto the roller of a cart under my sewing machine, and effortlessly waltzed up the slippery chrome leg.

Every now and then, it would pause, glance in my direction, and just stare with two pinpoint-size eyes of glittering metallic blue. Ever been stared down by a spider? It's an eerie feeling.

Apparently figuring I posed no threat, the spider headed my direction along the top of the cart, then leaped upward in mid-air from one sheer cliff-side edge of furniture to another, landing on the edge of the sewing machine.

By now I had given up trying to write one more phrase and was totally taken with awe for the impossible aerial acrobatics of this talented fellow resident of our house.

Then, it was on to conquer the added heights on the machine of a shirt needing mending and the flimsy corner of a blouse pattern.

Working from one to the other, and back to the machine's edge, taking flying leaps across the chasms of fabric folds and unstable pattern paper, the spider began to leave a glossamer trail. Webbing.

No wonder this house boasts cobwebs in every corner and ceiling edge.

When the spider paused at the top of a fabric fold and took a flying leap two inches down to the wood frame, I know my mouth dropped open. And when it returned to the same spot, and — honest — backflipped off the next time, still trailing web material, I laughed out loud. Which earned me another steely-eyed stare from those metallic blue eyes before work resumed.

Eventually, I left quietly to watch the late news. And left the blue-eyed spider and the cobweb foundation intact. Seeing how hard that spider worked made me contemplate if spiders might be the farmers of the insect world.

Still attached to the sewing machine, blouse pattern, and a shirt that needs mended is a fragile bit of webbing. I haven't had the heart to destroy it.

I made the mistake of sharing this tale with my family.

They're more interested in my own "webbing." Which they claim may be unraveling.

Oak Leaves

Among the last leaves to come off the trees are those of the oaks. Some will stay on most all winter. Others have already fallen.

For the past month the leaves on the several oaks have stated their own style of color show so much appreciated. Pin and scarlet oaks turned crimson and light red between their deeply pointed lobes. Large red oak leaves displayed deep burgundy colors. Brown chestnut oak leaves, edged in rounded lobes, were to be seen along with the more deeply cut ones of the white oak. As the season now advances, becomes colder, the leaves of all oaks take on a dull somber color.

Swine Specialist Joins Staff

NEWARK, Del. — Dr. Lesa Sterling, a specialist in swine nutrition, has recently joined the faculty of the Department of Animal Science and Agricultural Biochemistry of the University of Delaware.

Sterling, who holds the rank of assistant professor, is originally from Whitesboro, N.Y., and earned her undergraduate degree from Cornell University. She also holds masters and doctorate degrees in animal science from Purdue University.

Sterling will conduct swine-related research in collaboration with co-workers at the University of Delaware Research and Education Center near Georgetown. Her specialities include the nutrition of the sow during gestation and lactation and the neonatal survival of piglets.

At the Newark campus, she is currently team teaching an introductory course in animal and poultry science. Next spring she will teach a course in livestock production, including beef, sheep and swine.

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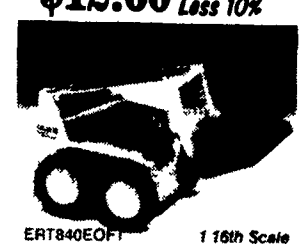

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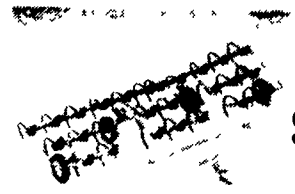

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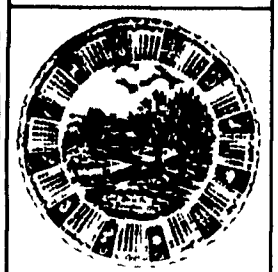

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Ida's Notebook

Ida Risser

Somehow I manage to form a strong attachment to inanimate objects. Whenever we need to replace something, I remember all the service that it gave us over the years.

We've just purchased a new automobile and I could have shed tears over leaving the old one at a dealer's place of business. I remembered how it took us across America and back when we had an accident in Michigan.

My husband pooh-poohs the idea of getting upset everytime a new stove or refrigerator comes into our home. But I will remember the 20 years of service and all of the good meals that they helped me serve. And, often the new purchase is not built as solidly as the old one was. It weighs less and lasts a shorter period of time. My 2-year-old electric stove is already as corroded as the one that I had for 20 years before it.

When we got a new water softener, the serviceman said that I should be glad that it was made of plastics as now it would not rust. But, it looked so cheap even if it was not.

So it is with the lighter weight cars. However, their price tags do keep getting bigger all the time. I've driven a '23 Overland, a '31 Chevrolet, a '41 Chevrolet, a '56 Chevrolet, a '64 Oldsmobile, and a '77 Oldsmobile. That's almost a lifetime history in cars.

Anyway, I suppose as the years pass by, I'll become attached to this new car. It seems to me that some of these big items should last a lifetime, but plumbing, heating and roofing do not. So even though I find it difficult to accept, new things keep coming into my life.

F.W.S. Calendar

Saturday, December 6

Lancaster Society 1 has "Men's Night Out" at Sight and Sound, with dinner at Hershey Farms.

Lancaster Society 6 meets at Church of the Brethren to entertain family and friends.

Lancaster Society 10 meets at Joe Myers Diner for Christmas dinner.

Lancaster Society 9 meets for Christmas party at 6:30 p.m.

Lancaster Society 8 meets for a covered dish meal at noon.

Tuesday, December 9

Lancaster Society 22 meets at 7 p.m. for caroling at Landis Homes.

Thursday, December 11

Lancaster Society 14 meets at Kreider's Restaurant at 6:30 p.m. for a program by Elizabeth and Janet Kreider and carol sing along.

Lancaster Society 21 meets at 6:30 p.m.

Lancaster Society 28 meets at Strasburg Mennonite Church for a program on flower arranging by Martha Garber.

Lancaster Society 33 meets at 7:30 p.m. for a Christmas party.

Saturday, December 13

Lancaster Society 7 meets at the home of Evelyn Martin for a program on China by Kathleen Ranck.

Lancaster Society 25 meets for a family Christmas party, 6:30 p.m. at Wengers.

Lancaster Society 2 meets at Margarita's home to make fruit baskets.

Lancaster Society 20 meets for a Christmas party at 6:30 p.m.

Lancaster Society 18 meets at 1:30 p.m. for a Christmas program.

Lancaster Society 19 takes a trip to Longwood Gardens.

Bring in the garden hose over winter. Once cold, plastic type hoses are easily cracked or broken when coiled. Water should be drained from the hose and brought into a warm room before coiling. Remember also to shut off the water going to outside spigots and then open the faucet to drain.

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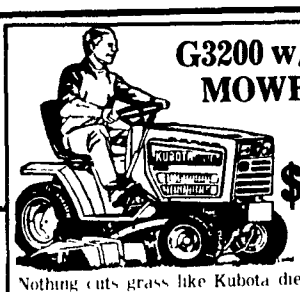

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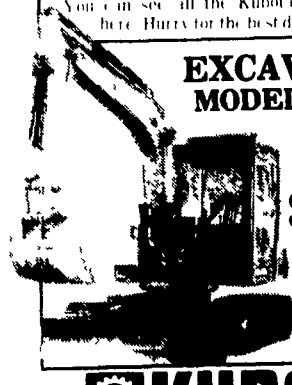

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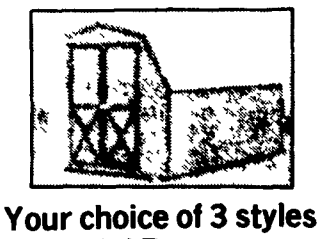

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Hummelstown Race Horse Trainer Earns National FFA Horse Proficiency Award

BY SUZANNE KEENE

HUMMELSTOWN — Lydee Cassel's schedule is almost as fast-paced as the thoroughbred race horses she trains. Her workday usually begins at 4:30 a.m. and often doesn't end until the early hours of the next day. But you won't hear this young woman complain about hard work.

"I like working with the horses, so I guess it's worth it," she says with a grin.

A typical day includes feeding, training and cleaning out stalls at Cassel's Brookside Stables in Hummelstown, where Lydee lives with her parents, Mr. and Mrs. Cleon Cassel. By 6 p.m., when most office workers are heading home for dinner and a little relaxation, Lydee and fellow trainer Tim Shea are making their way toward the race track, where they may not finish until 1 or 2 a.m.

But the hard work has paid dividends for 19-year-old Lydee. She has earned money at the track and a national FFA Horse Proficiency Award. During the recent National FFA Convention in Kansas City, Mo., Lydee, a member of the Lower Dauphin FFA chapter, represented Pennsylvania and the Eastern Region in national competition with three other regional finalists and came out the winner.

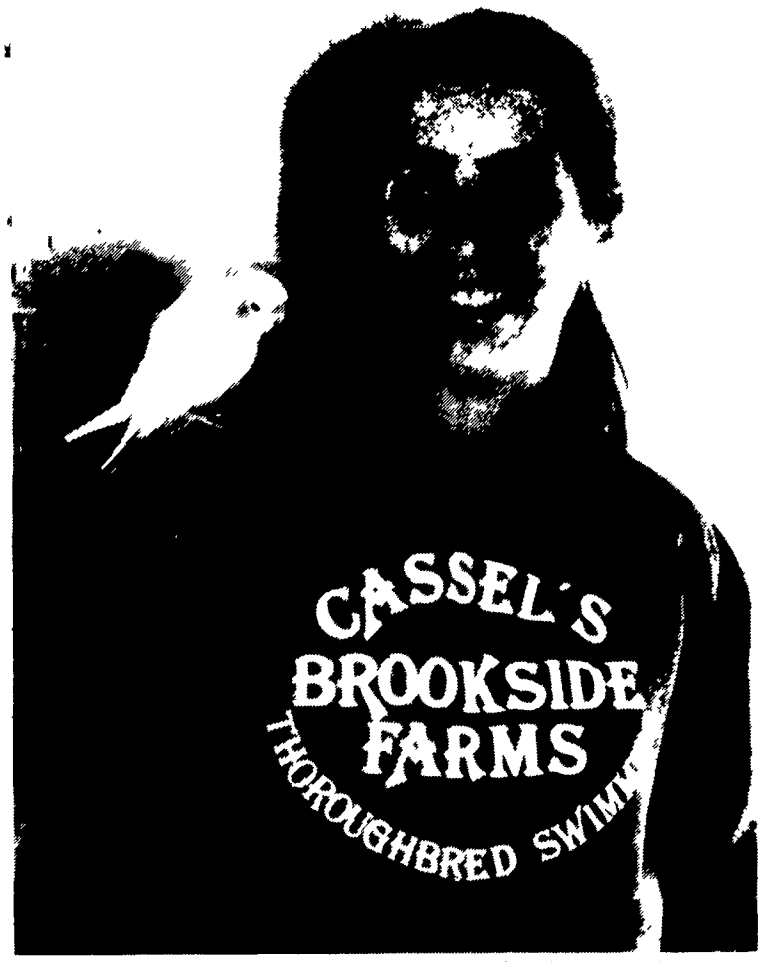
"I like to do things and see how far I can go," Lydee said.

The judges based their decision on Lydee's record books and on her performance in a personal interview.

The trip to Kansas City was Lydee's first and she was surprised to discover just how prestigious FFA is in the West. "Out there, it is the greatest thing in the world," she said, noting the enthusiasm of those attending the convention.

Convention activities completed, Lydee relaxes in the dining room of the family's comfortable farm home and displays her award-winning record books for a visitor. The books are filled with neat columns of figures recording receipts and expenses for several of her horses. She currently owns six thoroughbred race horses.

Lydee purchased her first horse, Gifted Lover, in 1983 with a loan from her grandparents. "We got lucky and picked a good one," she said. The mare earned $4,000 at the track, more than covering the $2,500 Lydee paid for her.



Jaws, a family pet, sits on Lydee's shoulder as she talks about her job as a race horse trainer.

But Lydee's experience with horses extends back much farther than 1983. "I rode before I could walk," she recalls. Horses have been a part of the Cassel family for over 70 years, beginning with ponies, followed by Arabians and pleasure horses, and, for about the last 15 years, race horses.

When buying horses, Lydee said she looks for an animal that is running well and that she thinks can run even better. They have been particularly successful with nervous fillies and mares which have benefitted from time away from the track.

But although the high-strung horses may benefit from time away from the track, Lydee and fellow trainer Tim Shea spend most of their evenings there. "We go to the races almost every night," she said.

They race most often at Penn National Race Track, just a 20-minute drive from Cassel's Brookside Stables. However, they also race at tracks in Maryland and near Philadelphia, Lydee added.

When the weather turns colder, the pace slows just long enough for Lydee to catch her breath for the next round. From the end of December until the beginning of February they stop racing and Lydee gets a bit more rest than usual. "You store it up like a bear," she says.

Vacations are rare in the racing business, but Lydee passed up a trip to Europe that was part of her national convention prize. "I'm not a big tourist. I'd rather say here with my dog," she says, reaching down to stoke Licorice's soft black coat. "The vacation would be nice, but I'm a homebody."

With her race horses, Licorice and her brother's pet bird, Jaws, to keep her busy at home, it's no wonder Lydee prefers to stay right where she feels most comfortable — in the saddle of a fast horse, galloping toward a successful future.

Lydee Cassel, a member of the Lower Dauphin FFA chapter, recently earned a National FFA Horse Proficiency Award.

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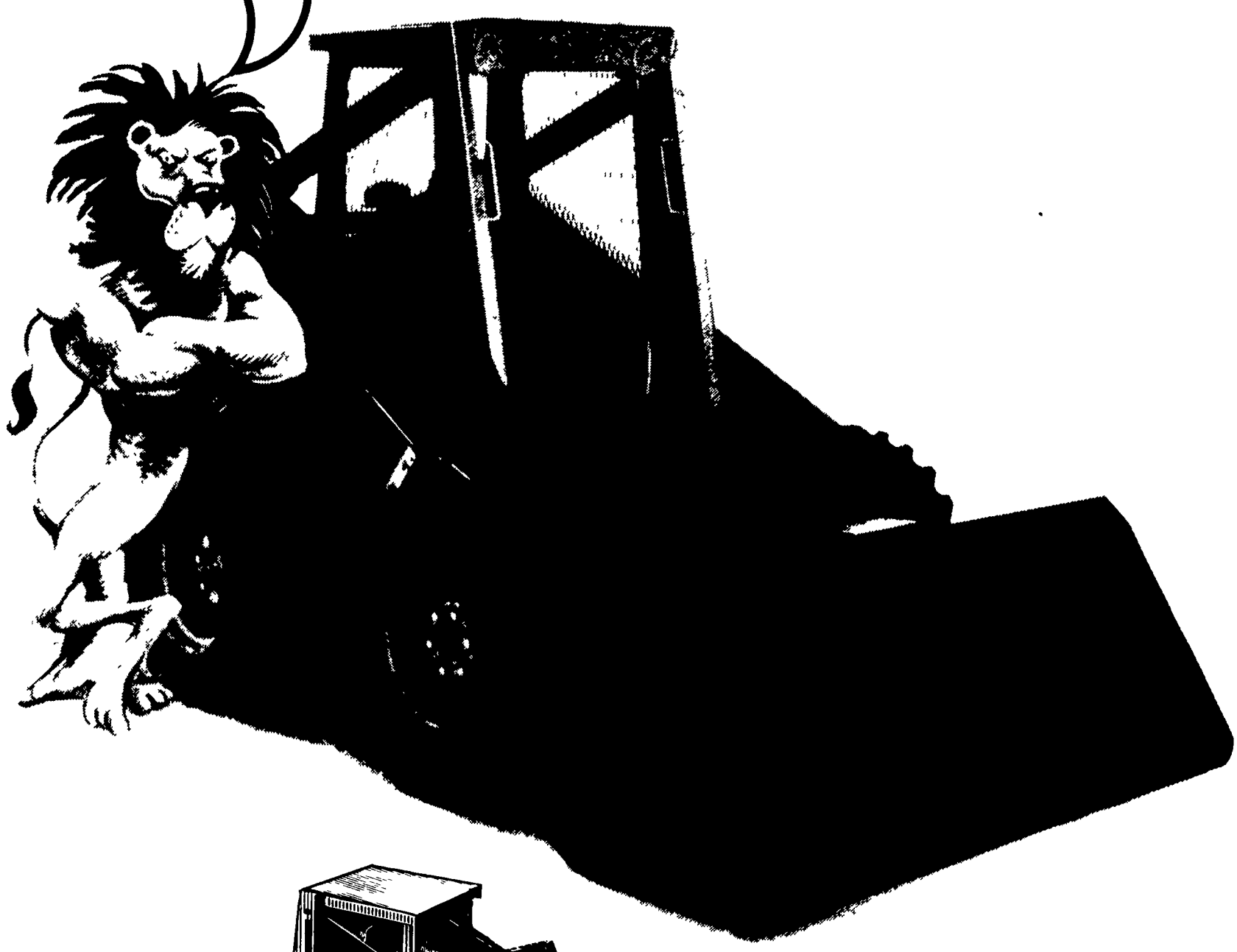

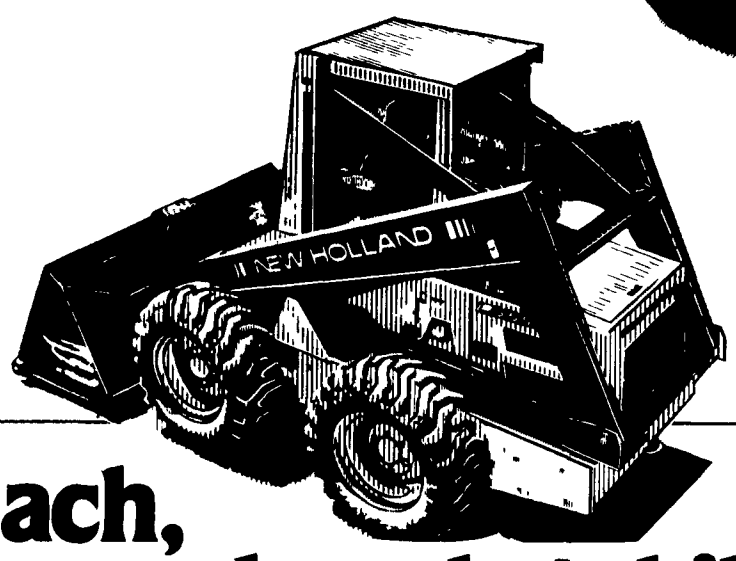

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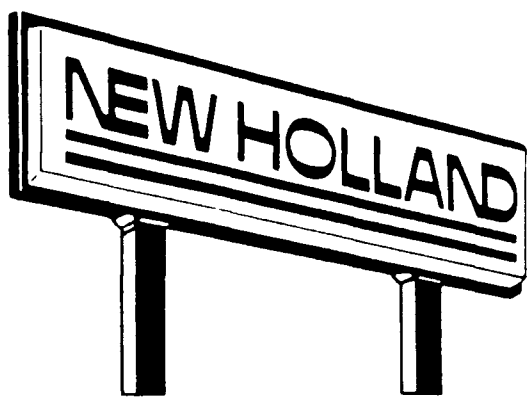

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Farm Women Societies

Lancaster Society 24

Members of Lancaster Society 24 met at the Welsh Mountain Home on Nov. 25. Anna Mae Snader lead group singing. Heidi Hartman provided special music.

Members served refreshments to guests of the home. Later, they met at Yoder's Restaurant for dessert.

The next meeting will be held Dec. 30 at the home of Mrs. Calvin Wenger, Glen Moore Circle, Lancaster. Secret sisters will be revealed.

Lancaster Society 26

Members of Lancaster Society 26 met recently in the home of Catherine Garber. Verna Hostetter was co-hostess.

Members visited three nursing homes and delivered fruit baskets and gifts.

Lucille Buckwalter presided over a short business meeting.

The December meeting will be held at the home of Edna Garber.

Lancaster Society 28

Members of Lancaster Society 28 and their husbands recently enjoyed a banquet at Old Hickory. Jeff Baxter spoke about his mountain climbing experience.

The next meeting will be held Dec. 11 (two weeks early) at the Strasburg Mennonite Church. Martha Garber will demonstrate flower arranging.

Green Valley Society 26

Members of Green Valley Society 26 met recently at the home of Betty Bertolette. President Luna Kohler read the by-laws.

The Christmas banquet will be held at the Strinestown Fire Company.

The December meeting will be held at the home of Ethel Wilt.

Berks Group 6

Members of Berks Group 6 met recently at the Thun-Janssen Auditorium of the Reading Hospital. Dr. Jerome Weisberg presented slides and explained osteoporosis.

The group then traveled to Denny's Restaurant for a treat and a business meeting. Members finalized plans for their Christmas party on Dec. 6 at the Ben Franklin Inn, Route 422.

Members will distribute poinsettias and fruit baskets to shut-ins in the community at Christmas.

The group will hold a special meeting Dec. 16 at 8 p.m. in the home of Mrs. William Hartman, Limekiln. Members will purchase gifts for residents of Hamburg Center.

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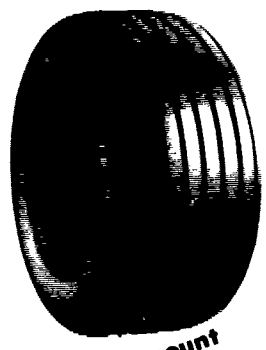

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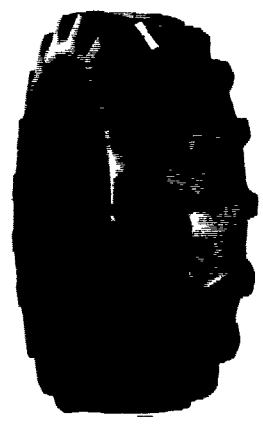

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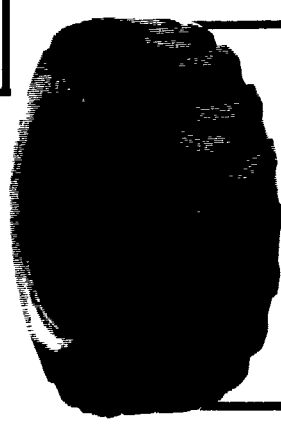

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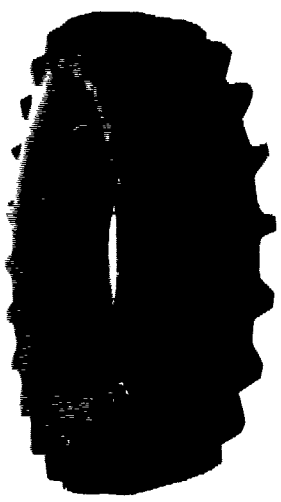

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11 2x24 6 Ply	$125 00
14 9x24 4 Ply	$161 00
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14 9x24 8 Ply	$200 00
16 9x24 6 Ply	$200 00
16 9x24 8 Ply	$220 00
14 9x26 6 Ply	$180 00
18 4x26 6 Ply	$247 00
23 1x26 8 Ply	$525 00
11 2x28 4 Ply	$120 00
12 4x28 4 Ply	$137 00
13 6x28 4 Ply	$150 00
13 6x28 6 Ply	$165 00
13 6x28 8 Ply	$195 00
14 9x28 4 Ply	$165 00
14 9x28 6 Ply	$185 00
16 9x28 6 Ply	$225 00
16 9x28 8 Ply	$245 00
16 9x30 6 Ply	$240 00
18 4x28 6 Ply	$300 00
18 4x30 6 Ply	$270 00
23 1x30 8 Ply	$650 00
24 5x32 10 Ply	$775 00
16 9x34 6 Ply	$270 00
18 4x34 6 Ply	$310 00
18 4x34 8 Ply	$335 00
20 8x34 6 Ply	$479 00
20 8x34 8 Ply	$510 00
23 1x26 10 Ply	$600 00
23 1x34 8 Ply	$689 00
11 2x38 4 Ply	$147 00
12 4x38 4 Ply	$175 00
13 6x38 4 Ply	$185 00
13 6x38 6 Ply	$205 00
14 9x38 6 Ply	$224 00
15 5x38 6 Ply	$235 00
15 5x38 8 Ply	$260 00
16 9x38 6 Ply	$295 00
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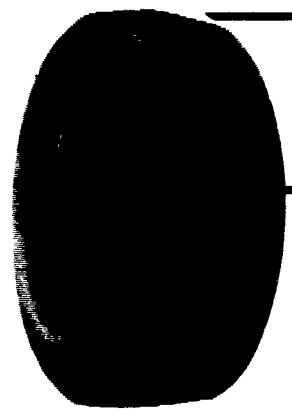
20 8x38 8 Ply	$520 00



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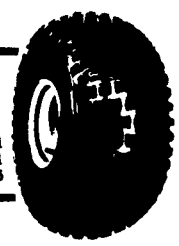

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9 5x24 4 Ply	$92 00
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Natural Christmas Trees Are A Holiday Tradition For Many Families

READING — Families still prefer to celebrate Christmas with a natural Christmas tree, making the trip to choose one a modern tradition and highlight of the holiday season.

Four out of five families will venture as far as 10 miles for a fresh evergreen, according to a Penn State University study. But when they've hauled their prize home, nearly half of them will not know what kind of tree they've purchased.

It will be fresh cut, with a straight trunk, because those are the most critical requirements of the discriminating consumer. It will be fragrant, green and full, with a pleasing symmetry.

To help take the mystery out of tree selection, the Pennsylvania Christmas Tree Growers Association offers the following guidelines to help you identify the tree you like.

How to Identify

No one species of trees can be considered the best all around Christmas tree, for each has its own individual characteristics. Here are the five most popular trees:

• **Blue Spruce-** Needles are silvery green to blue green, stout, rigid, short pointed, four sided, and extended at right angles from nearly all sides of twigs — usually 1 inch long. Twigs are straight and dark yellow brown.

• **Douglas Fir-** Fast becoming one of the most popular Christmas tree varieties. Has short needles that are attached around the twig. Needles are flat, ¾ to 1¼ inch and dark yellow green to blue green.

• **Scotch Pine-** Bluish, grayish green needles, 1½ to 3 inches long. Needles occur in clusters of two and usually twisted. Bright orange-red bark. Bushy appearance.

• **White Pine-** Branches are yellowish green and smooth. Needles are soft to touch, flat, pale blue green, 1¼ to 2 inches long...irregularly arranged, curve upward and outward.

• **Fraser Fir-** Stiff branches, thin symmetrical shape, excellent needle retention. Short, flat, dark green needles, usually rounded at tips. Needles are arranged feather-like on grayish, finely haired twigs. Twigs resemble crosses (one reason for popularity).

Selection Tips

When you and your family visit a choose-and-cut plantation or retail lot, you will want to purchase a Christmas tree that is fresh and appealing to the eye.

A few simple tips to follow can make the selection of a 'perfect' Christmas tree easier according to the Tree Growers:

• Decide where you will display your tree(s). This will determine what height and shape you will require. If possible, measure the area. Cutting large portions of either tree end will alter the natural taper of the tree.

• Bend a needle to check its resilience. If it doesn't break and springs back into position, the tree is fresh.

• Gently bump the base of the tree on the ground. If an excessive amount of green needles do not fall, the tree is fresh.

• Feel the bottom of the tree stump. If it is sappy and moist, you have a fresh tree.

Caring For Tree

Regardless of the tree you select, it must be given proper care to remain fresh, attractive and safe throughout the holiday season. If you decide not to set up immediately, place the cut tree in a bucket of water in a cool, area, sheltered from the wind.

Water is one thing your tree will need right away. Before placing it into the stand, make a fresh cut about one inch above the end. This will allow the tree to absorb water more readily. Once you have cut the trunk, put it in water immediately. Otherwise the cut will seal itself.

By filling a tree stand with water, you can help prevent needle drop and keep the water level well above the cut. Check the level daily. According to the Christmas Tree Growers, plain water is a tree's favorite beverage.

Of course, when your tree is ready for decorating, check lights and wiring for worn spots and cracks, and never overload electric circuits.

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King Tops Adams County Capon Roundup

BY GINGER SECRIST MYERS
Adams County Correspondent

CASHTOWN — The Adams County Capon Club held its annual round-up Tuesday evening Nov. 25th. The event was hosted by the Cashtown Lions Club. The grand champion capon was exhibited by Karen King, York Springs. The reserve champion was brought in by Jenny Shetter, Gettysburg.

Southeast area marketing specialist Larry Yerger judged the 15-bird show.

Following the judging, all the birds were sold by local auctioneer Larry Peters. The grand champion was purchased by Sheriff Bernard V. Miller for $15 per pound. The reserve champion reached $12 per pound on a final bid from the Gettysburg National Bank. The average price paid per pound with the champions included was $5.96 per pound.

The buyers list included: Gettysburg National Bank, Carl Frantz, Bucher Meats, Robert McQuaide, John and Ginger Myers, Bernard Miller, Robert McConkey, Jim Herring, Keller's Excavating, The Adams County Poultry Association, Dale Biesecker, and Mary and Larry Peters.

Champions and buyers at the Adams County Capon Roundup are, from left, Fred Schultz, representing the Gettysburg National Bank; Jenny Shetter, grower of reserve champion capon; State Poultry Queen Noel King; Karen King, grower of grand champion capon, and Sheriff Bernard V. Miller, who purchased the grand champion.

Aldenville 4-Hers Top Capon Roundup

HONESDALE — Dennis Hauenstein, a member of the Aldenville Adventurers 4-H Club, exhibited the grand champion pair of dressed capons at the recent Wayne County 4-H Capon Round-up. Dennis' pair of dressed capons each weighed 10¾ pounds and received a score of 17 points out of a possible 20 points from round-up judge Doyle Thomas, Susquehanna County extension director.

Keith Hauenstein, a member of the Aldenville Adventurers 4-H Club, had the reserve grand champion pair of dressed capons. Keith's pair of dressed capons tipped the scales at 12¾ pounds and 12¼ pounds and received a score of 16 points out of a possible 20 points.

The results of the 4-H Capon Round-up were:

Junior Division - division champion and blue ribbon, Dennis Hauenstein Aldenville division reserve champion and red ribbon Chad Hauenstein Aldenville red ribbons Mark Nebzydoski and Mike Nebzydoski white ribbon Matthew Nebzydoski Pleasant Mount

Intermediate Division - division champion and blue ribbon Keith Hauenstein Aldenville division reserve champion and blue ribbon, and red ribbon David Nebzydoski Pleasant Mount

Senior Division division champion and blue ribbion Brian Weist Honesdale division reserve champion and red ribbon Andy Weist Jr Honesdale red ribbon Mark Rutledge Honesdale and white ribbon Matthew Marks Damascus

The Wayne County 4-H Capon Round-up was sponsored by the Honesdale Rotary Club and featured an auction of the dressed capons.

The following individuals and Honesdale Rotary Club members supported the auction. They included: Willi Reif, Gordon Knapp, Atty. Warren Schloesser, Roger Dillmuth, Atty. Albert Rutherford, Atty. Jeffrey Wander, Robert Hellmers, Franklin Myers, Radio Station WDNH - Bob Mermell, John Creighton, Rev. Norman Dunsmore and Joe Bunnell.

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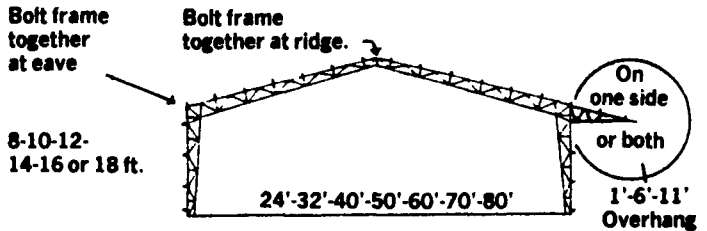

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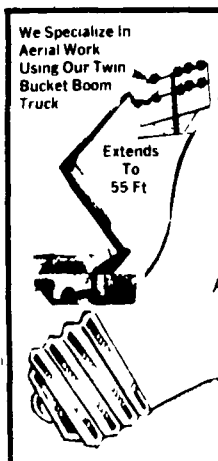

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Force Potted Bulbs To Ease Mid-Winter Blahs

NEWARK, Del. – If you routinely suffer from the mid-winter blahs, take steps now to perk up your spirits come December or January. Pot some spring-flowering bubs like tulips, hyacinths, daffodils and bulbous iris to force into indoor bloom.

University of Delaware extension horticultural agent Dave Tatnall says one way to force potted bulbs to flower prematurely is to place the pots in a styrofoam picnic hamper, put the lid on and keep the hamper in an unheated garage for about eight weeks. When ready to force, the bulbs will show some top growth and the pots will be filled with roots.

Bring the pots inside the house, and keep warm in a moderately cool, bright room for two to three weeks. Water modestly – just enough to keep the soil moist. When flower stalks appear, move them to a warmer room to hasten bloom. For a succession of flowers, Tatnall suggests bringing in just a few pots every two weeks, as long as your supply lasts.

An even easier source of mid-winter flowers is the fragrant paperwhite narcissus. This popular bulb is exclusively for forcing and very simple to handle. Paperwhites are available now at local garden centers.

To force them, half-fill a 3- to 4-inch deep bowl or similar container with small pebbles or coarse gravel. Place two or more bulbs firmly on the pebbles and partly cover them with more pebbles. Add just enough water to touch the bottoms of the bulbs. Set the bowl in a cool, light location until foliage growth is 4 to 5 inches high. Then place the bulbs in a conspicuous, well-lighted spot in your family room or other living area where flowers can be enjoyed by all. Be sure to keep the bulbs supplied with water and protect them from excessive heat.

This is a good time to buy and pot an amaryllis bulb for winter display. Select a regular clay or plastic flower pot with a drain hole in the bottom. Tatnall says the pot should be big enough to allow an inch or so between bulb and rim. Place a layer of pebbles in the bottom for drainage and fill the pot with a commercial potting mix, fortified with a couple of teaspoons of bone meal.

Set the bulb so it is only half covered with soil. Press the soil firmly around it, then water thoroughly. Set the pot in a dim, warm place. Water sparingly until growth starts. Then move to a sunny window and increase the watering somewhat. (If kept too wet, the bulb may rot.) While it is growing, feed your amaryllis with a houseplant fertilizer every two or three weeks. In about six to eight weeks it should reward you with big, beautiful blooms. The fast-growing flower stalk (or stalks) usually appears before the foliage.

Once forced, spring-flowering bulbs should be thrown out, because they are unlikely to bloom again in the garden. But with proper care Tatnall says an amaryllis can be made to bloom indoors year after year. If you've been carrying over one from last winter, here's how to stimulate more flowers this winter.

Stop watering your amaryllis. Ideally, this should be done about October 1, Tatnall says. After its leaves have wilted, cut them off and turn the pot on its side. Allow the bulb to rest this way at room temperature for 3 to 4 weeks. Then store it in a cooler location until December or early January. It can then be repotted, if necessary, and returned to its accustomed window sill to repeat its growth cycle.

Space Heaters Present Special Hazards To Unwary

NEWARK, Del. – Because winter winds will soon be whistling around our windows, it's time to take the space heater out of storage and review some heating safety rules.

"Whether you are using gas, kerosene or electricity, portable heaters present special hazards," says Ron Jester, extension safety specialist. "These hazards can include indoor air pollution, severe burns, electric shocks, and even explosions from gases accumulated while trying to light or relight the burners."

Jester reminds owners of space heaters to read and follow all instructions that come with the heater. Check the heater each year to make sure it is properly adjusted and clean. Electric cords that are frayed or defective should be replaced, and kerosene wicks should be checked for carbon buildup. He recommends installing and maintaining smoke detectors on each level of your house.

"Never allow children to play near or with a portable heater," Jester warns. He suggests that all space heaters should have a guard grill around the flames or heating coil to protect children and pets.

"Never leave a child unattended in a room with a space heater," he adds. "They can suffer a bad burn in the time it takes to answer the phone."

Keep portable heaters out of high-traffic areas in the house so people and pets won't trip over them, Jester says. Located them at least three feet away from curtains, newspapers, upholstered furniture or wood. Never use flammable liquids and aerosol sprays in the same room as a space heater.

Redding Attends AVA Convention

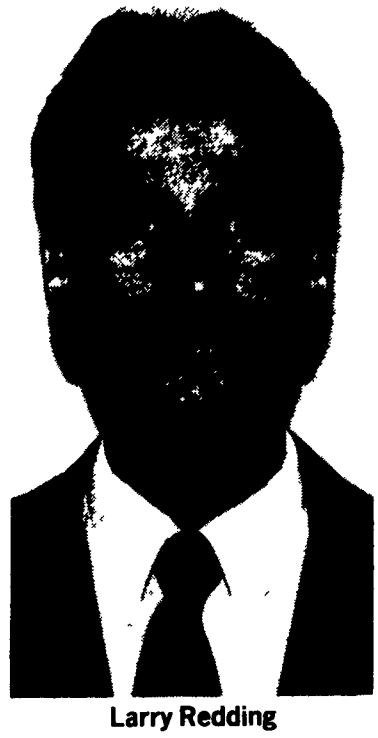
YORK SPRINGS – Larry R. Redding, vocational agriculture teacher in the Bermudian Springs School District, is among the approximately 500 secondary, postsecondary and adult teachers of vocational agriculture, state supervisors and teacher educators attending the American Vocational Association Convention in Dallas, Tex., December 5 to 9.

The National Vocational Agricultural Teachers' Association annual meetings are also being held in conjunction with the AVA Convention.

The vocational agricultural educators are among the estimated 6,500 vocational educators attending AVA divisional meetings, affiliated association meetings, general sessions, and trade show exhibits. NVATA members attending the convention have an opportunity to participate in AVA general sessions, agricultural education division meetings, NVATA general sessions, NVATA regional meetings and several special programs and functions, including meetings designed specifically for each level of ag education responsibility.

Redding, who has been active in the Pennsylvania Vocational Agriculture Teachers Association for 10 years and served as regional vice president and treasurer, is Pennsylvanias' official delegate as president of PVATA.

The NVATA is a national professional organization for vocational educators in agriculture. More than 9,000 agricultural educators throughout the United States are members.



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State Award Winners Head For National 4-H Congress In Chicago

UNIVERSITY PARK — Forty-one Pennsylvania 4-H members have been selected state contest winners in various categories and will attend National 4-H Congress in Chicago this week. These select winners have been chosen from more than 145,000 Pennsylvania youth who annually participate in the Extension Service's educational 4-H program.

The 4-H'ers are judged on the basis of their project work, leadership ability and participation in county and state activities, said Carroll L. Howes, association 4-H youth program leader at Penn State University.

Short biographies of each of the winners and their pictures are included below.

Tammy Balthaser

Tammy Balthaser, R1 Bernville, has been named the 1986 state poultry award winner.

The daughter of Wilson and LaVerne Balthaser, she is a junior at Hamburg Area High School with plans to attend college and study veterinary medicine.

A 4-H member for sixyears, she served the local poultry club as secretary, and the local dairy club as president, vice president and secretary. Balthaser also served as president and secretary of the county swine club and as assistant treasurer and treasurer of county council.

She also participated in the national poultry judging contest, 4-H State Achievement Days, and Leadership Congress. She completed projects with broiler chickens, turkeys, geese, market hogs, dairy cows, heifers and calves.

Linda Beatty

Linda Beatty of Home has been named the 1986 home management award winner.

The daughter of Karen Beatty, she is a junior at Marion Center Area High School with plans to become a physical therapist. A 4-H member for seven years, she served as president, secretary, treasurer, news reporter, song and game leader and a teen leader for her local club. Betty also served as secretary of the county club and notice secretary of the county council.

She completed programs in clothing and textiles, foods and nutrition, needlework, basketry, entomology, gardening, flowers, computers, Penny Wise and Start with a Small Change. Beatty also attended 4-H State Achievement Days and Capital Days.

Karen Beaver

Karen Beaver, Waynesboro, has been named the state entomology award winner.

The daughter of Verdeen K. and Esther J. Beaver, she is a sophomore at Waynesboro Area High School with plans to become a registered nurse. A 4-H member for seven years, Beaver has served her local club as president, vice president, secretary, treasurer, news reporter, social chairman, song leader and teen leader.

She has completed projects in clothing and textiles, foods and nutrition, entomology, vegetable gardening, crafts, teen leadership, photography, Let's Explore, weather, pet care, leathercraft and electricity. She also participated in 4-H State Achievement Days.

Madonna Becerra

Madonna Becerra, Milford, has been named the state citizenship award winner.

The daughter of Catherine L. Becerra, she is a high school senior looking forward to a career in international law. A 4-H member for nine years, she was Teen Council treasurer and has served on several committees.

She has also participated in 4-H Capital Days, Leadership Congress, State Achievement Days and was International 4-H Youth Ambassador to Denmark.

Susan Bell

Susan Bell, Blairsville, has been named Food Preservation Award winner in the national awards program.

The daughter of Lynn and Anna Mae Bell, she is a senior at Blairsville Senior High School with plans to become an electrical engineer. A 4-H member for seven years, she served her local club as president, vice president, treasurer, secretary, news reporter and teen leader, and was treasurer of county council.

She also participated in 4-H State Achievement Days and Capital Days. She completed projects in canning, freezing, sheep, foods and nutrition, clothing and textiles, consumer studies, drying, vegetables, Plan and Plant for Beauty and leadership.

Jamie Bennett

Jamie Bennett, Bellefonte, has been named the food conservation and safety award winner in the national awards program.

The daughter of Ralph P. and Hazel M. Bennett, she is a sophomore at Bald Eagle Area High School. A 4-H member for six years, she has served her local club as president, secretary, news reporter and teen leader.

She completed projects in clothing and textiles, macrame, woodworking, flower gardening, ceramics, canning and preserving, and stress.

Kathy Black

Kathy Black, Liberty, has been named the state public speaking award winner in the national awards program.

The daughter of Jim and JoAnn Black, she is a senior at Liberty Junior-Senior High School with plans of going to college to major in speech communication.

A 4-H member for nine years, Black has served her local club as president, vice president, secretary, treasurer, news reporter and teen leader. She was also vice president of the county club and county council.

Black completed programs in dairy foods, dairy, clothing and textiles, foods and nutrition, photography, public speaking, forestry, stress and health. She has participated in Leadership Congress, State Achievement Days, Capital Days and the state 4-H Dairy Show.

Kevin Carson

Kevin Carson, R3 Franklin, has been named the state bicycle award winner in the national awards program.

The son of Kenneth and Verna Carson, he is a senior at Oil City High School with plans to attend trade school in carpentry. A 4-H member for 10 years, he served his local club as president, vice president, treasurer and game leader, and was vice president of county council.

Carson completed projects in bicycle, model airplane, rocketry, clothing and textiles, pet care, hiking, overnight camping, riflery and vegetable gardening.

Michael Countryman

Michael Countryman, R1 Berlin, has been named the state photography award winner in the national awards program.

The son of Mr. and Mrs. David P. Countryman, he is a senior at Berlin Brothersvalley High School with plans to attend Penn State and major in agriculture.

A 4-H member for eight years, he served his local 4-H club as vice president, secretary and news reporter. He completed projects in photography, forestry, dairy, leadership, strawberries, wildlife, veal, automotive, riflery and rocketry. He also participated in State Capital Days, State Achievement Days, the National Dairy Judging Contest and the All-American Dairy Show.

Karen Daum

Karen Daum, State College, has been named the state clothing award winner in the national awards program.

The daughter of Donald and Gail Daum, she is a sophomore majoring in aerospace engineering at Penn State. A 4-H member for 12 years, she has served her local club as president, vice president, secretary, treasurer, news reporter, teen leader and historian; she has also been president of the county 4-H club as well as treasurer, secretary and news reporter of Centre County Council.

Daum completed projects in sewing, leadership, gardening, management, embroidery, foods, dog care, arts and crafts, safety and handyman. She has also participated in 4-H Leadership Congress, State Achievement Days, Capital Days and Citizenship Washington Focus.

Richard Dunn

Richard Dunn, R3 Chicora, has been named the state sheep award winner in the national awards program.

The son of Robert L. and Shirley L. Dunn, he is a Penn State student planning a career in farm management. A 4-H member for nine years, Dunn served his local club as news reporter and teen leader, and his county club as vice president and treasurer.

He completed projects in market lambs, sheep breeding, steers, vegetables, leadership and market hogs. He also participated in 4-H State Achievement Days and the Keystone International Livestock Exhibition.

Sue Eisenhart

Sue Eisenhart, R1 Thomasville, has been named the state dairy award winner.

The daughter of Rodney and Sara Eisenhart, she is a junior at Spring Grove Senior High School with plans to become an accountant. A 4-H member for eight yeas, she has served her local club as president, secretary, treasurer and teen leader. She has also been president, secretary and treasurer of her county club as well as treasurer, secretary and news reporter of county council.

Eisenhart has participated in State 4-H Achievement Days, Leadership Congress and Capital Days.

Juan Figueroa

Juan Figueroa, Lancaster, has been named the state nutrition development winner in the national awards program.

A recent graduate of Ephrata Christian High School, Figueroa plans to attend Fairhaven Baptist College, where he will major in secondary education.

A 4-H member for seven years, he has served his local club as president, vice president and teen leader. He completed projects in physical fitness and foods and nutrition. He has also participated on the state physical fitness team and in 4-H Leadership Congress.

Lucinda Frey

Lucinda Frey, Carlisle, has been named the stae veterinary science winner in the national awards program.

The daughter of Frank and Jane Frey, she is a senior at Cumberland Valley High School with plans to become a veterinarian. A 4-H member for nine years, Frey has served her local club as president, vice president, secretary, treasurer and teen leader. She has also been vice president of both her county club and county council.

She has participated in 4-H Leadership Congress, Achievement Days and Citizenship-Washington Focus.

Mark Gordner

Mark Gordner, R4 Bloomsburg, has been named state automotive award winner.

The son of John and Marie Gordner, he is a senior at Central Columbia High School with plans to work toward a masonry and construction degree. A 4-H member for nine years, he has served his local club as president, vice president, treasurer and teen leader. He completed projects in archery, riflery, handyman, automotive and tractor, and swine.

Gordner has also participated in 4-H Leadership Congress, State 4-H Days and Capital Days.

Fred Hock

Fred Hock, R1 Shippensburg, has been named the state safety award winner.

The son of Paul E. and Judy K. Hoch, he is a graduate of Shippensburg Area High School with plans to enter a farming partnership. A 4-H member for nine years, Hoch has served as president, assistant secretary and social chairman of his local 4-H club, and has represented his club at county council.

He completed projects in dairy, leadership and petroleum power, has participated in 4-H Capital Days, Achievement Days and was a 4-H exchange member to Illinois.

Christine Hoskin

Christine Hoskin, R8 York, has been named state home environment award winner.

The daughter of Elwood G. and Judith I. Hoskin, she is a student at the Pennsylvania School of the Arts with plans to become a fashion designer.

A 4-H member for 10 years, Hoskin has served her local club as assistant vice president, secretary and teen leader. She has also participated in State 4-H Leadership Congress, State Achievement Days and Citizenship-Washington Focus.

She completed projects in cross stitch, knitting, crochet, clothing and textiles, basketweave, frozen foods and Design with Texture.

John A. Kirschner Jr.

John A. (Jay) Kirschner has been named the state beef award winner.

The son of John A. (Jack) Sr. and JoAnn Kirschner, he is a sophomore animal science major at the Oklahoma State University. A 4-H member for 11 years, he has served his local club as president, vice president, treasurer and teen leader. He was also president and treasurer of county council, and president and treasurer of the Pennsylvania Polled Hereford Association. He is active in Collegiate 4-H at Oklahoma State.

Ted Kuntz

Ted Kuntz of Gardners has been named a state leadership award winner.

The son of Mr. and Mrs. Louy Kuntz, he is a senior at Bermudian Springs High School. A 4-H member for 10 years, Kuntz has served his club as president, vice president and treasurer. He has also participated in 4-H Leadership Congress and State Achievement Days.

He completed projects in leadership, woodworking, riflery, Cooking over Coals, outdoor cooking and bicycle.

David Lentz Jr.

David Lentz Jr, R3 Glen Rock, has been named the state forestry award winner.

The son of Mr. and Mrs. David L. Lentz Sr., he is a junior at Susquehannock High School with plans to major in art or architecture in college. A 4-H member for seven years, Lentz has served his local club as president, vice president, treasurer, assistant secretary, news reporter and teen leader. He also was news reporter for county 4-H for two years, and he participated in State Achievement Days.

He completed projects in small engines, tractor, geology, forestry, handyman, bicycle, vegetables, stamps, health, wildlife and pets.

Michele Mawhinney

Michele Mawhinney, Franklin, has been named the state bread award winner.

The daughter of Mr. and Mrs. James Mawhinney, she is a freshman majoring in foreign language at the Edinboro University of Pennsylvania. A 4-H member for eight years, she served her local club as president, secretary, treasurer, news reporter and teen leader, her county club as secretary, treasurer and news reporter, and county council as secretary and news reporter.

Mawhinney participated in 4-H Leadership Congress and state Achievement Days. She completed projects in breads, citizenship, food preservation, foods and nutrition, clothing and textiles, wildlife, child development, home management, health, home-related art, indoor gardening and careers.

Stephanie Meyers

Stephanie Meyers, St. Thomas, has been named the state dairy foods award winner.

The daughter of J. Robert Jr. and Julia Meyers, she is a senior at James Buchanan High School with plans to major in dairy sciences at Penn State. A 4-H member for nine years, Meyers has served her local club as president, vice president, secretary, corresponding secretary and treasurer. She was also vice president of county council.

She completed projects in dairy foods, dairy animals, health and leadership and has participated in state Leadership Congress, State 4-H Achievement Days and Capital Days.

Tracy Miller

Tracy Miller of R1 Dover has been named state horse award winner.

The daughter of Mr. and Mrs. James Miller, she is a recent graduate of Dover Area High School.

She plans to major in animal science at college, emphasizing equine management.

A 4-H member for 10 years, Miller has served her local club as president, vice president, secretary and news reporter. She was also president and historian of county council and has participated in 4-H Leadership Congress and Achievement Days.

Karen Mooneyham

Karen Mooneyham, Needmore, has been named the state consumer education award winner.

The daughter of Robert and Janice Mooneyham, she is a junior at Southern Fulton Junior-Senior High School with plans to become a home economics teacher or an extension agent.

A 4-H member for four years, Mooneyham has served her local club as president, vice presient and secretary; and county council as president and treasurer.

She completed projects in consumer education, horse, clothing, foods, automotive, citizenship, leadership and self-determined. She has also participated in State 4-H Achievement Days and Capital Days.

Patricia Ogburn

Patricia Ogburn of R3 Washington has been named the state dog care and training award winner.

The daughter of Melinda and Charles Ogburn, she is a senior at Trinity High School with plans to major in engineering in college. A 4-H member for seven years, she served her local clubs as president, vice president, secretary and treasurer.

Ogburn participated in 4-H State Achievement Days and in the National Exchange Program. She completed projects in dog, horse, horse production, photography and foods and nutrition.

Darlene Ogden

Darlene Ogden, R1 Lawrenceville, has been named a state achievement award winner.

The daughter of John and Sandra Ogden, she is studying at the Elmira Business Institute to become a legal secretary. A 4-H member for 11 years, Ogden has served her local club as president, vice president, secretary and teen leader. She was also secretary of county council.

She completed programs in clothing, embroidery, Design with Line, vegetables, cooking, canning, bread, handyman and outdoor flowers. She has participated in Capital Days, Leadership Congress and Achievement Days, and visitied Iowa on an exchange trip. She also went to Trinidad and Tobago in a reciprocal exchange trip.

Ross Pifer

Ross Pifer, R3 Reynoldsville, has been named the state conservation award winer.

The son of Mrs. Lois Pifer, he is a freshman majoring in agricultural business management at Penn State. A 4-H member for 11 years, he served his local club as president, treasurer, news reporter, junior president and junior vice president; he was treasurer of his county club, and president and vice president of county council.

Pifer participated in Capital Days, 4-H Leadership Congress, State Achievement Days and Citizenship-Washington Focus. He completed projects in wildlife, forestry, geology, soil and water conservation, energy, leadership, vegetable gardening, flower gardening, health, beef, swine, landscaping, bicycle, photography, weather, foods and nutrition, clothing and textiles, and handyman.

David Priestner

David Priestner, R2 Meshoppe, has been named the state electric energy winner.

The son of Robert and Alida Priestner, he is a junior at Elk Lake School with plans to study biomedical technology. A 4-H member for eight years, Priestner has served his local club as treasurer and news reporter.

He completed projects in electric energy, rocketry, computers, fire safety, outdoor cooking, first aid, bicycling, small engines, handyman, leadership, solar and tractor safety. He has also participated in Leadership Congress and State 4-H Achievement Days.

Colin L. Ringer

Colin L. Ringer, Schnecksville, has been named the state plant and soil science award winner.

The son of Colin L. and Patricia M. Ringer, he is a senior at Parkland Senior High School with plans to major in agronomy at college. A 4-H member for nine years, Ringer served his local club as president, vice president, secretary, treasurer and teen leader; and county council as secretary-treasurer.

He participated in 4-H Capital Days and Citizenship-Washington Focus and completed projects in landscaping, forestry and rocketry.

Amy Rodgers

Amy Rodgers, Abbottstown, has been named the state citizenship award winner.

The daughter of Helen and Will Rodgers, she is a junior at New Oxford High School. A 4-H member for six years, she has served her local club as president, vice president, treasurer, secretary and news reporter.

Rodgers completed projects in tasty snacks, children can be fun, cake decorating, photography, indoor gardening, padded picture frames, citizenship awareness, citizenship, leadership, teens entertain, stenciling and woodworking. She has participated in Leadership Congress, camp training and State Achievement Days.

R. Bruce Ryburn

R. Bruce Ryburn, R1 Washington, has been named the state wildlife and fisheries award winner.

The son of Donald E. and Phyllis R. Ryburn, he is a sophomore at Chartiers-Houston High School with plans to major in agriculture in college. A 4-H member for seven years, Ryburn served his local club as vice president, treasurer, news reporter, teen leader and county council representative.

He participated in 4-H State Achievement Days and completed projects in wildlife, horse, horse production, market steer, dairy, woodworking, rocketry, tractor maintenance and photography.

James Scott

James Scott, R1 Clarksburg, has been named the state swine award winner.

The son of James Scott Sr., he is a freshman majoring in animal science at Penn State's New Kensington Campus. A 4-H member for eight years, he served his local club as president, vice president, treasurer, news reporter and teen leader, and was president and vice president of county council.

Scott participated in 4-H Leadership Congress, Capital Days, State Achievement Days and Citizenship-Washington Focus. He completed projects in swine, commodity marketing, market beef, sheep, breeding swine and leadership.

Damian Shiner

Damian Shiner, Myerstown, has been named the state leadership award winner.

The son of Mr. and Mrs. Daniel Shiner, he is a senior at Eastern Lebanon County High School. He has served his local 4-H club as president, vice president, treasurer, historian and news reporter. He has also been vice president and news reporter of county council.

Shiner completed projects in leadership, Fun with Fitness, Healthy Lifestyles, Chart Your Course Toward Fitness, foods and nutrition, computers, Start with Small Change, crafts, bicycle, Creative Career Exploration, Your Future is What You Make It, Safety for all Seasons and weather.

He has also participated in State Capital Days, Leadership Congress, State Achievement Days and Citizenship-Washington Focus.

Sharon Smith

Sharon Smith, Bowmanstown, has been named the state personal development award winner.

Smith, who lives with Joseph and Carole Beck, is studying secretarian science and music at United Wesleyan College. A 4-H member for six years, she served her local club as vice president and secretary.

She completed projects in five units of horse, two in leadership and one in veterinary science. She also attended 4-H State Achievement Days.

Greg Stricker

Greg Stricker, R1 Bernville, has been named the state agriculture award winner.

The son of Gene and Shirley Stricker, he is a recent high school graduate with plans to attend college and run a beef and swine farm. A 4-H member for nine years, he served his local 4-H swine and beef clubs as president and news reporter. He was also news reporter for county council.

Stricker completed projects in market swine, breeding swine, market steer, breeding beef, hay and corn. He participated in 4-H State Achievement Days, Leadership Congress and the 1986 4-H Commodity Marketing Symposium in Chicago.

Karl Tyson

Karl Tyson, New Oxford, has been named the state achievement award winner.

The son of Mr. and Mrs. Jared K. Tyson, he is a senior at New Oxford High School with plans to study computer science in college. A 4-H member for nine years, he has served his local club as president, vice president and teen leader, and 4-H Senate as president.

Tyson completed projects in rocketry, riflery, small engines, geology, strawberries, and woodworking. He has also participated in State 4-H Achievement Days, Leadership Congress, Capital Days and Citizenship-Washington Focus.

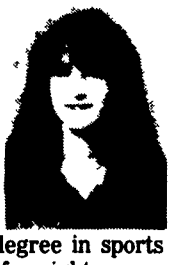
Sean Weaver

Sean Weaver, R7 Somerset, has been named the state wood science award winner.

The son of Fred and Kathy Weaver, he is a freshman majoring in journalism at Penn State's Behrend College. A 4-H member for 10 years, he served his local club as president, secretary, news reporter, junior president and junior vice president. Weaver was also news reporter for county council.

He participated in State 4-H Achievement Days and Leadership Congress and completed projects in woodworking, bicycling, foods and nutrition, rocketry, model airplane and photography.

Rebecca Weinstock



Rebecca Weinstock, Phoenixville, has been named the state health award winner.

The daughter of Joseph and Jacqueline Weinstock, she is a senior at Phoenixville Area High School with plans to attend college and earn a degree in sports medicine. A 4-H member for eight years, Weinstock served her local clubs as president, vice president, secretary and historian. She has also been secretary and historian of county council.

She completed projects in health, clothing and textiles, jams and jellies, latchhook, quilting, dairy, poultry, and dairy goat. She also attended 4-H Leadership Congress, State Achievement Days, Capital Days and Citizenship-Washington Focus.

Jennifer Whitehill

Jennifer Whitehill, State College, has been named the state recreation award winner.

The daughter of Ben and Linda Whitehill, she is a sophomore education major at the Pennsylvania State University. A 4-H member for 11 years, Whitehill has served her local club as president, vice president, secretary, treasurer, teen leader and news reporter. She has also been co-president, secretary and county council representative, and secretary of county council.

Whitehill completed projects in foods, clothing and textiles, photography, wildlife, country cross stitch, Start with Small Change, dairy, canning, embroidery, rabbit production, vegetable gardening and baby beef.

She has participated in State Achievement Days, 4-H Leadership Congress, State Capital Days and Washington 4-H Teen Leader Forum.

(Turn to Page B22)

School PTA Sells Local Farm Products

HARRISBURG – Promote local farm products and still make a buck?

Why not, the Keystone Elementary School PTA decided this fall at Knox, Clarion county. And PTA members made it happen with almost $12,000 in sales and a fat $4,000 in profits for school activities.

Sales by 410 Keystone elementary students would have done a supermarket proud. During the two week effort, they sold 1,500 pounds of cheese and butter, 5.5 tons of potatoes, 4 tons of apples, 750 mini hams, 600 pounds of hamburger and 210 pounds of honey.

"It sure beats selling candy from Texas," says Donna Kline, chairman of the Clarion County Dairy Promotion Committee that co-sponsored the fund raiser with the Clarion County Farmers' Association.

Some 2,010 local residents agreed by buying the home-grown products.

County Agent Dave Fowler, a Keystone PTA member, came up with the "shop locally" idea and provided a computer to keep up with the flow of orders.

"Response was tremendous from producers and buyers alike," reported Betsy Fowler and Beverly Engle, co-chairmen of the PTA fund raiser.

Top salesman was Chad Smith, a first grade student at Keystone Elementary. Dave Fowler's daughter, Bethany, was high salesmen for dairy products. She's in the third grade.

Actually, no cheese or butter is made in Clarion county.

"That's right," Donna Kline explains, "but 125 Clarion county dairy farms ship milk across the county line to the MMI plant at New Wilmington that does."

Mozzarella and Provolone cheese from the plant was bought in bulk and cut and wrapped in three pound packages by members of the county dairy promotion committee.

Cooperating producers besides MMI Farmers Cheese were: Clarion County Beekeepers, Hirsch's Meats, Long Acres Potato Farms, Musser Fruit Farm and Zacherl Farms.

Is the fund raising idea catching on?

"Other area schools are excited about it," Donna reports. "Our committee expects to be really busy next year."

Nature Classes

LANCASTER – The Lancaster County Parks and Recreation Department will offer two guided nature walks in December and January. The first hike will take place at Octoraro Lake in southern Lancaster County on Sunday, Dec. 14. The hike will include waterfowl identification and a side trip to adjacent woodlands to view other species. Those interested should meet at the Central Park office at 1 p.m., or at the Chester Water Authority Boat Launch on Spruce Grove Road at 1:45 p.m. Registration is required. Call 299-8215.

A Winter Tree Identification class will be held on Saturday, Jan. 10. The program includes indoor instruction followed by outdoor field work. Those interested should meet at Shuts Environmental Center on Eshleman Mill Road at 1 p.m. Register by calling 299-8215.

State 4-H Award Winners

(Continued from Page B21)

Matthew Will

Matthew Will, R1 Berlin, has been named the state petroleum power award winner.

The son of James K. and Mary R. Will, he is a junior at Freedom Christian School. A 4-H member for nine years, he served his local club as treasurer, news reporter/photographer and junior leader, and was also a member of county council.

Will participated in State Leadership Congress, placed second in the National 4-H Calendar Contest and participated in the National 4-H Photo Contest. He completed projects in dairy, snowmobile safety, rocketry, photography, beef, riflery, aviation, leadership, forestry, wildlife, swine, small engines, lawn and garden equipment, tractor maintenance and weather.

Kristen Youngman

Kristen Youngman, R1 Sugarloaf, has been named the state foods and nutrition winner.

The daughter of Scott and Jeanette Youngman, she is a sophomore at West Hazelton Junior/Senior High School. A 4-H member for six years, she has served her local club as president, vice president, secretary/treasurer and news reporter.

Youngman completed projects in foods and nutrition, clothing and textiles, working with wool, pet care, entomology, clowning, vegetables, plant services, roller skating, computers, cross country skiing, sheep, photography, Wildlife through the Seasons, snowmobiling, cultural arts, health and fitness, child care and family relations and energy conservation.

Pa. Ag Mechanics Team Places Ninth In National Competition

The Pennsylvania FFA Ag Mechanics team placed ninth in national competition at the National FFA Convention. Here, members of the gold-medal winning team met with special project sponsor of the contest, Terry J. Renninger, vice president; and Larry A. Jensen, manager, Farm Tire Marketing, Firestone Tire and Rubber Company, Akron, Ohio.

Team members are, from left, Darryl Weaver, Grassland FFA, New Holland; Roy Aument, Solanco, FFA, Quarryville; and John Brofee, Greenwood Chapter, Millerstown. They were accompanied by coach Richard Hackenberger, Mifflintown.

In individual competition, team members Darryl Weaver and Roy Aument received gold medals and John Brofee received a bronze.

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With the 642B Bobcat, do a variety of jobs, with the "easy-on easy-off" attachments available with the 642B Bob-Tach "bolt-on" attachment system.

HEIGHT	WIDTH (LESS BUCKET)	RATED OPERATING CAPACITY
76.0" (1930 MM)	54.0" (1372 MM)	1000 LBS. (454 KG)

- Low cost efficiency on the farm or construction site.
- Mitsubishi, four cylinder liquid-cooled gasoline engine.
- Hydrostatic drive.
- Seat bar for additional operator safety, convenience and comfort.
- Bob-Tach "bolt-on" system and variety of optional attachments for multiple job versatility.
- Tip-up ROPS for easy maintenance.

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dhia
Pennsylvania Dairy Herd Improvement Association

CUMBERLAND COUNTY DHIA Monthly Report

October, 1986

Cumberland County Dairy Herd Improvement records show that 6,647 cows in 108 herds were on production testing in October according to Duane G Duncan, county agent Of the 86 herds on DHIA, 44 herds had an average fat production of 600 pounds During the month 141 cows completed their 305 lactation with 650 lbs of fat

Owner	Brd	No. Cows	Days In Milk	Milk Lbs	Fat Lbs
David E Gettle	B3	50	86	19,233	724
Kenneth Zeigler Sons	3	51	90	19,279	704
Donald M Leatherman	B3	38	88	20,472	698
J Shephard Wolff	3	53	88	19,708	697
Lemar Farm	B3	34	86	18,671	692
Ridgeline-Acres	B3	66	92	20,347	684
Highland Vue Farms	B3	32	89	17,935	680
Leroy Showaker & Son	3	87	85	17,899	669
M Thomas Sheaffer	3	60	85	19,035	664
Lee Davidson	3	63	89	18,031	663
Norman Hertzler	3	34	89	19,679	662
Clifford Chamberlin	3	31	89	17,447	661
Robee Acres	3	99	90	18,086	657
Berkheimer Farms	B3	160	86	17,523	653
J Paul Strock	3	121	88	18 396	651
Bradley C Beidel	3	38	85	7,591	651
Alvin M Martin	B3	52	86	18,807	647
Robert H Jamison	3	27	86	19,275	642
Alfred Gaisler	B3	44	88	18,725	640
Glenn W Myers	B3	62	89	18,198	637
Marlin Miller & Sons	B3	42	89	17,943	636
Nevin Shughart	B3	30	88	17,979	635
J David Martin	B3	44	86	18,761	634
Lee N Hoover Jr	B3	39	88	17,822	634
Fred B McGillvray	3	55	90	18,951	633
Roy E Snoke	3	44	89	19,119	631
Herbert B Shughart	3	28	89	18,259	629
Bubbling Spring	B3	39	84	17,736	628
Allen B Martin	G3	42	89	17,945	626
Oscar Nealy & Sons	B3	139	88	18,063	625
Amos Z Sauder	B3	40	84	18,282	624
Nathan K Ebersole	3	50	89	17,843	621
J Glenn Glesner	3	55	88	16,795	621
Roy L Miller	B3	42	86	17,578	619
Glenn Newswanger	B3	74	87	16,603	619
Thrush Brothers	3	110	86	17,160	615
Donald & Dave Lehman	3	76	89	17,283	611
Ashcombe Dover Dairy	B3	235	86	17,064	610
Freshair Dairy Farm	B3	33	88	17,514	607
Alfred Gaisler Winter		3	7	23,135	828
William L McCulloch	B3	132	87	17,298	606
J B Brymesser & Sons	B3	223	87	17,215	605
Leroy Chestnut	B3	59	89	17,409	604
Daniel L Martin Jr	B3	76	88	17,738	601
Samuel D Shenk	G3	64	84	17,383	600

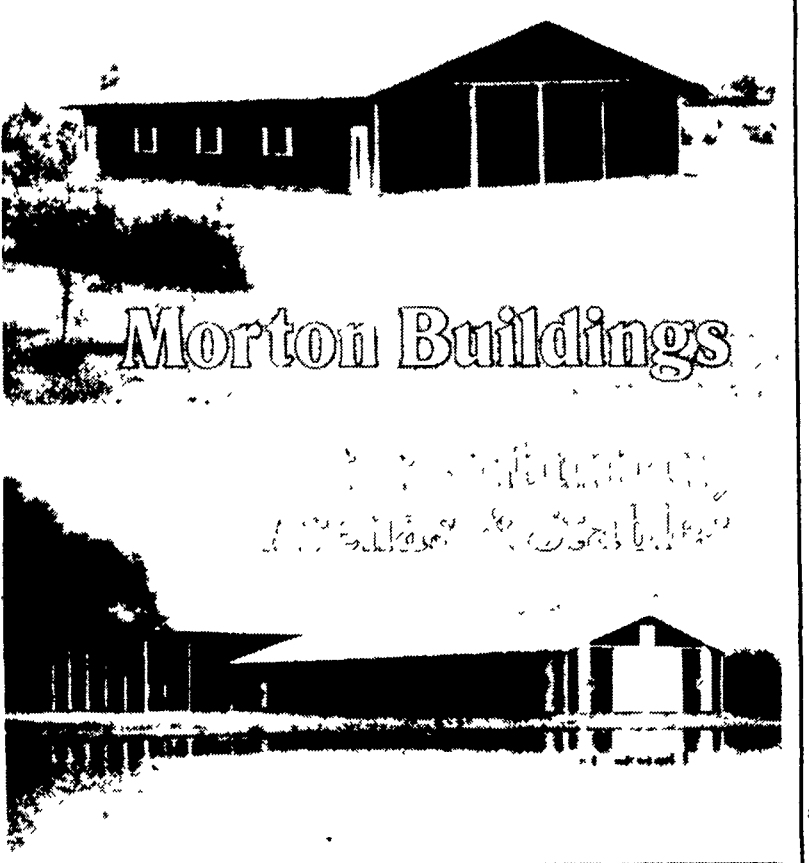
The following are the highest of actual fat in 305 days or less in the county during the month The age listed in her age at the time of freshening

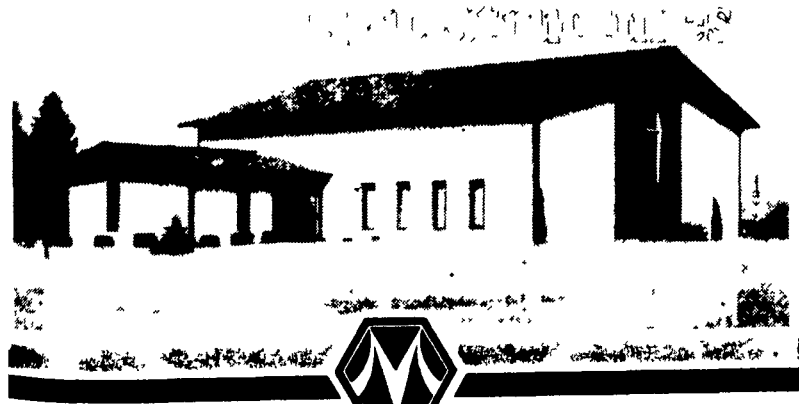
J B Brymesser & Sons 457	3	5	27,823	945
Otto Brothers Liza	3	5	24,131	925
J B Bryumesser & Sons 547	3	4	24,288	924
Lemar Farm Matt	B3	6	24,237	922
J B Brymesser & Sons 381	B3	7	21,394	868
Lee G Davidson Annie	3	5	24 874	853
Galen & Linda Smith Rosmary	3	5	20,364	853
Robee Acres Wilda	3	4	21,916	851
Glenn W Myers Cindy	3	4	17,760	847
Bradley C Beidel 14	3	3	22 058	844
Donald & Dave Lehman 60	3	7	28,856	842
Nathan K Ebersole 27	3	4	23,605	842
Fred B McGillvray Dot	3	3	21,590	836
Glenn W Myers Sherry	3	6	20,931	835
Ridgeline Acres 129	B3	6	25 651	828
M Thomas Sheaffer Ginger	3	8	21,471	828
Glenn W Myers Suzanne	3	6	23,635	826
Robee Acres Sunny	3	3	20 707	815
J B Brymesser & Sons 442	B3	5	21,152	814
J Paul Strock Anna	3	4	23,843	804
Lee G Davidson Abigail	3	4	18,895	802
Lamar & Carol Sensenig Connie	B3	5	22,558	801
J B Brymesser & Sons 448	B3	5	19,657	796
Donald & Dave Lehman 295	3	3	17,841	795

Otto Brothers				
Liza	5	24,131	3 8	925
173	6	23,334	3 2	756
Fannie	5	21,025	3 4	720
149	5	21,074	3 1	663
Robee Acres				
Wilda	4	21,916	3 9	851
Sunny	3	20,707	3 9	815
Cleo	5	19,941	3 8	755
Norman Hertzler				
Shelia	4	18 954	3 7	699
J B Brymesser & Sons				
457	5	27,823	3 4	945
547	4	24,288	0 8	924

(Turn to Page B24)

LEASING AVAILABLE





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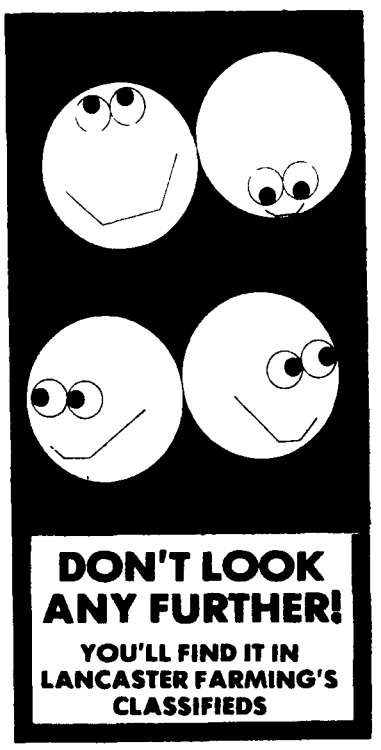

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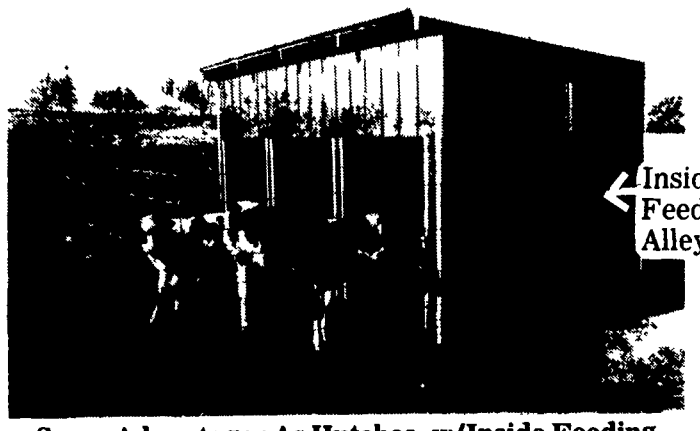
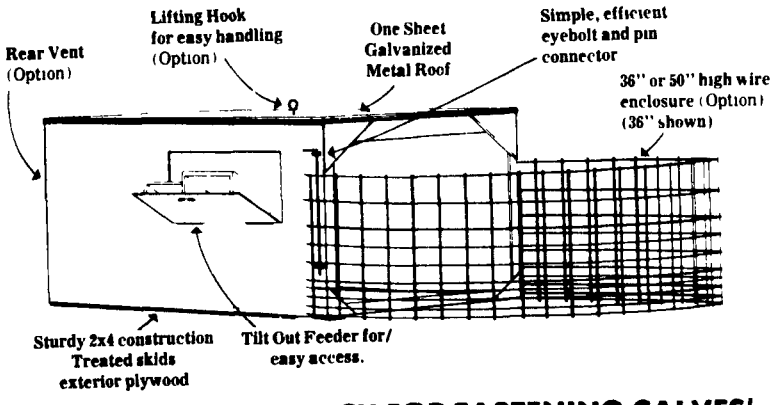


Same Advantages As Hutches, w/Inside Feeding

Compare the Stoltzfus Woodwork Calf Hutch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SHOCK RESISTANT!
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5 N Main St
Manheim, Pa 17545

Cumberland Co. DHIA

(Continued from Page B23)

381	7	21,394	4 1	868
442	5	21,152	3 8	814
448	5	19,657	4 0	796
427	6	20,371	3 8	778
325	8	20,112	3 7	742
520	4	22,546	3 2	717
538	4	19,229	3 7	707
534	4	19,044	3.7	702
569	3	19,932	3 7	699
543	4	19,446	3 5	675
434	5	20,003	3 3	663
389	6	17,605	3 8	663
585	3	18,051	3 7	660
Lee G Davidson				
Annie	5	24,874	3 4	853
Abigail	4	18,895	4 2	802
Marty	7	21,615	3 6	769
Kimmy	4	20,568	3 6	737
Aaron	4	19,249	3 8	722
Sophia	3	17,376	4 1	710
Mavis	3	18,332	3 6	661
Roy E Snoke				
Trista	4	21,345	3 4	728
Ick	9	22,439	3 1	694
Selma	2	22,564	3 0	683
Toni	5	20,956	3 2	667
Galen & Linda Smith				
Rosmary	5	20,364	4 2	853
Hayley	8	18,476	3 9	727
Sheila	3	15,769	4 4	689
Shirley	2	16,474	4 2	687
Haven	6	19,945	3 4	673
Pesky	5	16,632	4 0	668
Daffani	2	17,624	3 7	659
Thrush Brothers				
19	4	21,583	3 7	791
85	10	20,805	3 4	700
47	5	17,192	4 1	699
Roy L Miller				
159	8	18,439	4 1	747
E Lee Oiler & Son				
2	6	21,093	3 1	650
Donald & Dave Lehman				
60	7	28,856	2 9	842
295	3	17,841	4 5	795
Roy L Coover				
120	4	15,257	4 7	722
122	4	16,707	4 0	666
J Paul Strock				
Anna	4	23,843	3 4	804
Jade	3	23,852	3 2	768
Cheryl	6	21,134	3 5	740
Jack C Rolar				
27	4	20,723	3 6	741
#Pretend	3	16,237	4 3	692
Paul O Dyarman				
Trisha	3	15,818	4 7	751
Nancy	4	20,981	3 4	722
Meg	7	18,141	3 6	654
Harry & Paul Hoch				
Rosalie	4	20,884	3 7	771
Jolly	6	21,666	3 5	767
Merle & Sharon Dice				
128	4	19,831	3 3	652
J Glenn Glesner				
115	3	22,328	3 5	787
60	6	21,600	3 4	732
65	3	18,178	4 0	34
Alfred Gaisler				
Winter	7	23,135	3 6	828
Topsy	6	21 313	3 2	682
Model	6	20,861	3 2	669
Fred B McGillvray				
Dot	3	21,590	3 9	836
Milky	7	20,980	3 2	675
John F Stamy III				
126	7	23,774	3 1	731
83	9	14,471	4 8	691
172	4	16,072	4 2	677
72	8	17,312	3 9	673
Ridgeline Acres				
129	6	25,651	3 2	828
98	2	21,328	3 1	669
10	5	22,211	2 9	653
Leroy Chestnut				
48	6	23,060	3 0	689
Samuel D Shenk				
Dollie	6	22,139	3 5	772
Robert H Jamison				
Peg	3	20,083	3 4	690
Sandrod Farms				
70	4	23,833	3 0	714
Oscar Nealy & Sons				
100	4	22,769	3 3	743
80	4	19,201	3 9	741
68	3	18,665	3 9	725
110	3	22,225	3 2	711
104	3	23,665	3 0	709
63	7	18 543	3 8	705
87	4	17,258	4 0	691
61	5	18,146	3 7	669
6	2	18,282	3 6	659
Berkheimer Farms				
87	3	16,838	4 7	784
155	4	18,311	4 1	755
84	3	18,221	4 0	729
137	3	18,652	3 8	714
56	3	16,167	4 1	662
Glenn W Myers				
Cindy	4	17,760	4 8	847
Sherry	6	20,931	4 0	835
Suzanne	6	23,635	3 5	826
Glenda	2	20,201	3 3	662
Kenneth Zeigler Sons				
Alice	2	19,841	3 3	654
Allen B Martin				
10	2	18,091	3 6	659
Carl L Lehman				
Sue	7	21,528	3 1	673
Daniel L Martin Jr				
161	4	20,644	3 3	686
189	3	22,687	2 9	654
6	7	18,833	3 5	650
Marlin Miller & Sons				
23	3	21,867	3 6	779
Charles E Heberlig				
52	5	21,576	3 6	766
39	7	23,061	3 0	683
Francis R Mains #2				
134	4	22,167	3 0	660
Ed Brackbill - R Yost				
79	4	17,026	4 0	679
Lamar & Carol Sensenig				
Connie	5	22,558	3 6	801
Peggy	4	19,333	3 6	693
Harry J Myers				
Lucy	6	18,826	4 1	765
Jonas W Nolt				
Hika	4	16,443	4 6	749
Lemar Farm				
Matt	6	24,237	3 8	922
Isabele	4	21,019	3 6	765
Amos Z Sauder				
Wendy	4	20,061	3 7	743
Dude	4	21,232	3 2	677
Highland Vue Farms				
Penny	3	17,262	4 0	687
Ada	6	19,423	3 5	674
Bradley C Beidel				
14	3	22,058	3 8	844
30	7	23,939	3 2	765
William L McCulloch				
55	6	22,514	3 5	787
213	5	20,026	3 8	754
326	2	20,117	3 7	741
84	4	25,309	2 7	695
302	2	15,803	4 3	677
205	0	19,643	3 4	676
M Thomas Sheaffer				
Ginger	8	21,471	0 9	828
Judy	7	22,540	3 1	707
#Lady	4	18,459	3 6	665
#Mickey	2	18,135	3 6	655
Robert-Margaret Smith				
Carmel	4	17,201	4 0	686
Nathan K Ebersole				
27	4	23,605	3 6	842
100	3	21,289	3 4	720
Donald M Leatherman				
Denise	3	20,420	3 7	755
Melissa	3	22,848	3 3	743
Mains Acres				
116	7	21 601	3 4	736
Robert E Keefer				
208	5	19 056	3 5	675
28	6	23,632	2 8	667
04	4	17,856	3 7	653
651	2	17,786	3 7	651

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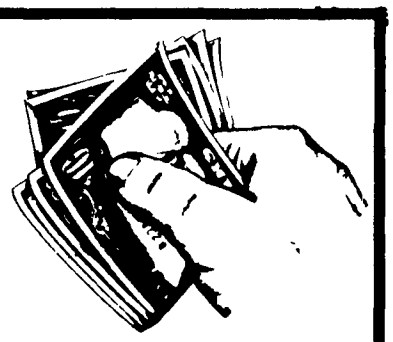

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dhia
Pennsylvania Dairy Herd Improvement Association

Lycoming County DHIA Monthly Report

November, 1986

Owner	Brd.	No. Cows	% Days In Milk	Lbs. Milk	Lbs. Fat
Eugene W Hall		3	70 4	92 8	20,790	809
Don & Scott Lepley		3	39 3	88 2	21,873	785
Bar-Vista Farm		3	42 8	91 6	21,528	768
Marshall Bros Inc		3	122 4	85 6	17,487	746
Dale F Cooley		3	39 6	90 4	21,027	754
Charles F Ulmer Jr		3	39 0	89 8	21,513	743
Marvin L Waltz		3	68.7	86 0	18,975	721
Willard M Brelsford		3	40.1	88 6	18,364	719
Schon-Crest Farms		3	46 4	90 3	20,967	716
Vollman Dairy Farm		3	43 8	86 7	18,207	710
Franklin J Finck		3	92 8	89.5	18,628	704
Fred+Scott Lovell		3	39 4	86.7	19,546	701
Milton S Fuoss Jr		3	37 8	89 1	19,326	696
Sandward Farm		3	34 1	87.6	19,846	695
Lester M Poust		3	66 8	83 0	18,337	693
Ritter-Ridge Farm		3	99 7	85 5	19,377	674
Kenneth O Bastion		3	34 2	88 3	18,304	673
John Snyder		3	45 6	86 9	18,899	670
Eldon Yvonne Metzger		3	43 7	87 4	17,749	665
Mont Will Farms		3	42 2	86.6	18,524	665
Benjamin E McCarty		3	43 1	86 5	17,783	663
Mars-View Farm		3	78 1	85 2	17,837	663
Steppe Brothers		3	90 6	87 4	17,012	655

The following cows completed lactations over 850 pounds of fat during November 1986

Don & Scott Lepley				
Lisa 14	5-10	26,486	967	302
Carol 38	3-7	20,916	901	305
Mont Will Farms				
Edith	7-1	24,843	908	305
Bar-Vista Farm				
Edith	3-0	22,739	995	305
Marshall Bros Inc				
B41	9-11	21,970	895	305
G73	6-1	19,728	889	292
B40	3-3	18,303	1057	305
353	3-2	19,830	1144	305
Mars-View Farm				
305	4-1	22,325	872	305
Milton S Fuoss Jr				
34Tige	4-9	24,087	888	305
35Molly	5-7	21,422	933	305
Jay-Linda Kreider				
362	5-10	22,503	854	305
Mrs Richard Mowery				
129BK	3 2	18,235	861	305
David L C Albert				
Tess	3 8	23,985	863	305
Sandward Farm				
41Helen	5 5	25,262	876	305
Roger W Ulmer				
Winnie	6-4	20,803	880	305
Vollman Dairy Farm				
232	4 2	25,846	894	305
Franklin J Finck				
83Susan	3-2	21,667	866	305
90Dana	3-1	20,214	869	305

SEED and FERTILIZER LOANS

8½% Annual Percentage Rate

If you need help to purchase seed and fertilizer, check out our 12 months, 8.5% fixed rate loan
Quarterly interest payments

New Holland Farmers National Bank

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200' Badger Barn Cleaner Chain, used less than 1 year. 2 Barn Cleaner Chutes & Units. 70' Patz Feed Bunk, complete. 215-948-9762.

Steiner 165 cu. ft. forage mixer w/electronic scales & 5 h.p. motor, excellent condition. 717-768-8574

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Bags & Bulk
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Bumper & Gooseneck Styles

Over 250 Models IN STOCK

New Units:

2-horse X-TRA Thorobred delux model, loaded, in assorted colors	$2995.00
2-horse Thorobred w/4' dressing room	$4295.00
2-horse TB Gooseneck-fully enclosed	$3995.00
2-horse TB Gooseneck w/Dressing room	$5295.00
3-horse Angle Gooseneck w/walk-in tack room	$5295.00
4-horse Stock Combination w/tack compartment	$2995.00
4-horse enclosed stock combination	$3995.00
4-horse TB delux bumper model	$5295.00
4-horse TB delux gooseneck model	$6750.00
6'x16' Bumper stock	$2195.00
6'x16' Gooseneck stock	$3150.00
6'x10' Hydralic Dump models	$2995.00
8'x20' Gooseneck flatbed	$2795.00
8'x24' Gooseneck Tri-axle flatbed	$3995.00
Used Units:	
2-horse model	$1150.00
16' Bumper stock model	$1000.00
4-horse enclosed bumper model-7' tall	$1995.00
14' Gooseneck stock	$2250.00
20' Gooseneck stock	$2350.00
3 Axle flatbed tag-along	$1200.00
22' Gooseneck Tri-axle flatbed	$2995.00
32' Gooseneck Tri-axle flatbed	$3500.00

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21½¢ per cubic foot
Or $32/Ton Delivered
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5 ton loads
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Less than ½ The Cost of Staw
Will Go Farther & Keep Cattle Cleaner
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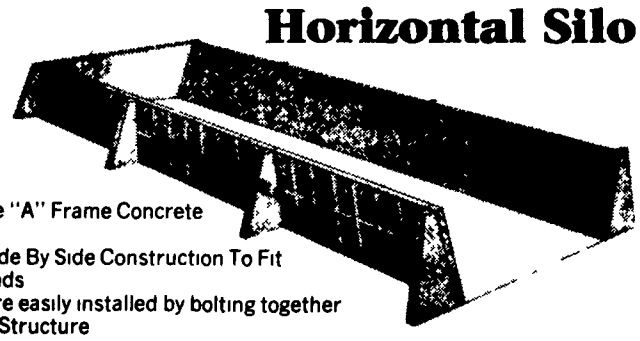
THE AFFORDABLE SYSTEM FOR THE 80's

Horizontal Silo



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- Exclusive "A" Frame Concrete Support
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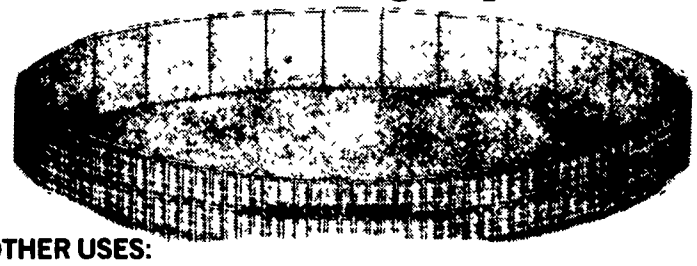
Manure Storage Systems



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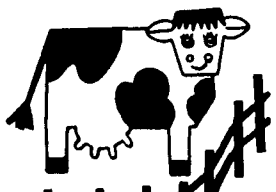

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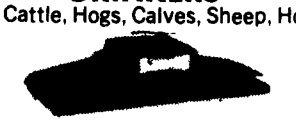

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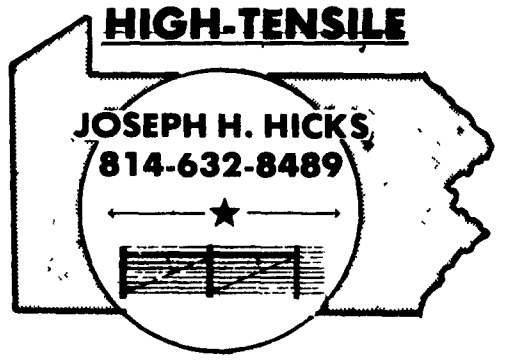

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For Sale: 10 Grade Holstein heifers, 1 to 2 yrs. old, 5 bred, 5 open, average 750 lbs., need $350. each. Call after 10 p.m. or on weekends. 814-695-6553

For Sale: 31 Holstein cows; 3 bred heifers. Juniata Co., 717-734-3745.

Scotch Highland bull, red, yearling, registered. Champion bloodlines. Good disposition. Purcellville, VA. 703-338-3608.

Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others. Dams classified Very Good with records over 29,000 lbs. milk and 1,195 lbs. milk fat. STUMPLAND FARM 215-488-1965

Six registered and grade cows, vaccinated. Young cows with real good udders and records. Some just fresh, others different stages of lactation. Benjamin K. Kauffman, RD 2, Honey Brook, PA 19344.

Ten registered Holstein cows, 4 VG, all stages, over 18,000M, 700F, Reg. heifer calves Enjoyment Farms, 814-926-3669.

WANTED-Herd of Cows or bred and open heifers. 301-358-0412.

WANTED TO BUY. In 814 area only. Dairy or beef cattle, have truck, cash at barn. Call after 10 p.m. or on weekends. 814-695-6553

Wanted. Breeding age Holstein heifers, short bred & springing. Must be vaccinated. 717-295-3137 or 717-394-5573.

Wanted: Entire dairy herd and bred and springing heifers. Highest cash price paid. Reuben Greenberg, Inc., Columbus, N.J. 08022. Ph. 609-298-1021

Wisconsin and Canadian Dairy Cows For Sale: 1st, 2nd, and 3rd calf. Fresh and close springers. Cash, or credit with down payment. Specialize in selecting cows for customers. Free delivery. Reuben Greenberg, Inc, Columbus, New Jersey 08022. Phone 609-298-1021."

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BORN NOVEMBER 24. Dam is Attraction out of Gay Ideal. Farrow Ned Boy. 1-10 2X second calf 18,000M 4.2 butter fat 300 days, $250. David Glick, Rt. 3, Box 616, Holtwood Rd., Holtwood, PA 17532.

Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

Family cow Reg Guernsey, vacc., third calf, high producer, easy milker 215-469-6130.

FOR SALE: 14 Polled Hereford feeder calves, 10 bulls, 4 heifers, 300-600 lb. 215-696-1387.

REGISTERED ANGUS* Big, lusty heifer and bull calves. Bred cows, too. Watts Logan Spring Farm, Bellwood, PA 16617-0010. 814-742-7476 or 742-8118.

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Registered Holstein bulls, 1 year old and younger. Out of dams with records to records up to 28,000 milk and up to 1100 fat. Stump Acres, 717-792-3216, York County.

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VANCO
Call Collect
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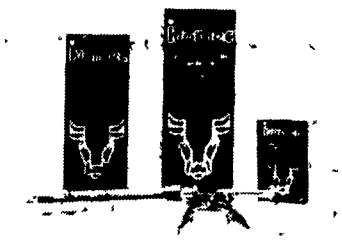

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8 CATTLE

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TWO 1986 AQHA COLTS: Palomino, very flashy, $800; Buckskin, $400. Both well bred, excellent disposition. 215-679-6810.

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Registered Suffolk sheep, bred ewes and large ram Western type. 215-856-7645.

11 SWINE

YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested. Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813. 717-658-5821.

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Tested Yorkshire Large Whites Service Boars. Delivery Available. Stern Yorkshires, RD2, Box 366, East Berlin, PA 17316. 717-292-4634.

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Noland Freeze Guards
Port-A-Hut
LEMMON FARM
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12 ARTIFICIAL BREEDING

Apollo SX44 semen tank. Jetstream, Spirit, Ira, Forecaster, Nedboy, etc. $2,200 for entire unit. 717-992-3355.

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13 HOG EQUIPMENT AND SUPPLIES

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11 SWINE

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45th Production Sale Buyer Thank You

86 Bred Gilts, averaged $400. High Duroc at $640. to Clifford Charles, Lancaster. High Yorkshire at $620. to William Hilty, Mt. Pleasant. High Landrace at $600. (2 Head) to Ed Ranck, Christiana.

25 Boars, averaged $423. High Duroc at $575. to A.J. King, Maryland. High Yorkshire at $575. to Clifford Charles, Lancaster.

33 Open Gilts averaged $187. High at $260. to Kenneth Andrews, Rhode Island.

144 Lots Totaled $51,140. average $355.13.

PRIVATE SALE
Service Boars For December & January Service.
Open Gilts, Large Supply, Ready To Breed & Younger.
Boars & Gilts Sired By tested Boars & Out Of Production Tested Dams.
Bred Gilts Due January.

Next Sale
Saturday, February 14, 1987
1:00 p.m.
75 Bred Gilts, 40 Boars, 40 Open Gilts

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Leon L. Arnold
R.D. 7, Box 705
Lebanon, PA 17042
717-273-5880

Hampshire-Durocs
Lawrence Arnold
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13 HOG EQUIPMENT AND SUPPLIES

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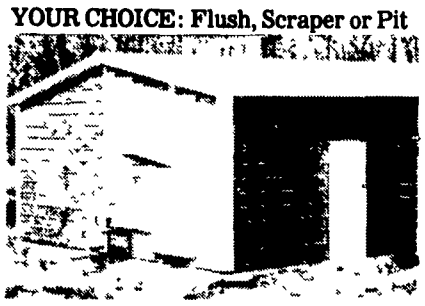
Farmcraft

YOUR CHOICE: Flush, Scraper or Pit



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- Crates
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Self spacing concrete hog slats. Any length available from 4 to 12 ft. These slats are made individually. K V Concrete, R2, Box 315, Mifflintown, PA 17059.

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14 POULTRY AND SUPPLIES

200 Sex-Sal Pullets For Sale. 717-733-2648.

75 Bec-Bell broiler or turkey drinkers, good condition, $3 ea. 717-866-6461.

For Sale: Complete refrigeration system including two 5-ton fully protected Carrier compressors. Diamond low profile egg grader with 6-packers, Featherlite stainless steel washer & Diamond loader. 80 Case per hour capacity. Dutchman feeder parts. 914-583-4518.

Bramco High Speed Feeder
Scales Counters and Hoppers
10.9 Ton Brock Feed Bins and Fill Kit
Fill System With Boots and Drops
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Send for complete bill of material and prices.
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Delivered or F.O.B. your farm
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Bin run- $3
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Customers have made our 20th Anniversary possible
RD #1,
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BUYING EAR CORN, SHELLED CORN & WHEAT
Picked up at your farm or delivered to Marietta
Spot or contract prices available
60 ft. scale
CUSTOM DRYING

16 FERTILIZER

FARMERS SAVE
Fertilizer Dollars!
Use poultry manure or mushroom soil

Special Special
Lancaster Co. . . . $10 per ton
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Delivered On Your Farm

BROILER MANURE FOR SALE
* Delivered in 22 ton loads
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* Mushroom Soil Available
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CALKO® = LIME PLUS FREE POTASH & SULFUR!
High Quality Lime Plus 50-60 Lbs. of Potash (Worth $7.00) & 80-100 Units of Sulfate (Worth $12.00) In Every Ton
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COMPARE OUR ANALYSIS
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POULTRY MANURE
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For Sale: 50 nice, white pine trees, 8 to 12 feet tall. Must be removed from field. Phone 717-528-4681.

20 LAWN AND GARDEN

For Sale: Bolen's snow blowers and plows; John Blue sprayer; Ford roll bars, loader bucket. Berks. 717-933-8695

Wanted To Buy: Used Aerator. Contact Newport School District, P.O. Box 9, Newport, Pa 717-567-3806

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60 bales or less

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Will do trucking with tractor and trailer or with pick-up with gooseneck trailer, of farm machinery or almost anything.
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Specializing in Pole Bldg's
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During my 20 years experience, I developed a way & designed tools & equipment to trim cows hoofs better & faster than anyone else. My way is easier on the cow & the farmer and I can prove it to you. I have references from many satisfied customers, you can also be one of them. Serving the East Coast. For more information & demonstration call Simon,

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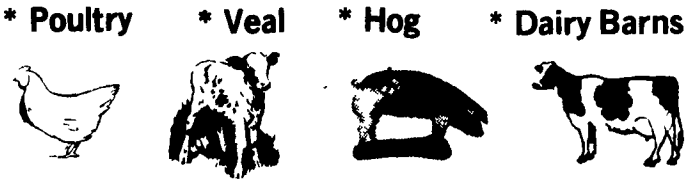
C & D High Pressure Washing

Pressure washing and disinfecting

* Poultry * Veal * Hog * Dairy Barns



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YOUR Bill Getting To High?
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Soybean roasting on your farm Dale L. Schnupp, RD 6, Lebanon, PA 17042. 717-865-6611.

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Dangler & Williams arch support specialists from Ohio are now making regular trips to your area. (PA, DE, VA & MD).

They will be giving free footprints to see if you need arch supports.

The arch supports are hand crafted from a light-weight leather made from impressions of your feet. Your feet are like the foundation of a building. If you strain your feet, it can cause you to have trouble in other parts of the body.

Anyone interested in a free examination please contact us, write or call

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Dangler and Williams
16885 Kinsman Rd.
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23 HELP WANTED

Person experienced in dairy operation. Harford Co. 301-452-8569

Person needed on Lehigh Co. grain, potato, and poultry farm for general farm work. Machinery experience & references desired. Benefits & housing available. Reply to: Lancaster Farming, P.O. Box 366 L-115, Lititz, Pa. 17543.

Mechanic field person for dairy and grain farm. Experience a must. Winding Brook Farm, Bucks Co., PA. 215-348-5514.

Need someone who likes farming and working with cows to help on dairy farm in York county. No house available. Salary dependent on performance. Reply Lancaster Farming, PO Box 366-A-108, Lititz, PA 17543.

N.J. HORSE FARM
Needs reliable person to help with feeding, stall cleaning, grounds upkeep. Good working conditions in quiet country area. Private living quarters provided. THE RIDGE Farm, RD3, Lebanon, N.J. 08833. Phone 201-236-2986.

FARMLAND PRESERVATION seek enthusiastic, competent candidate to play key support role in farmland preservation in Lancaster County. Secretarial position requires some experience, ability to communicate, good all-around clerical skills, including word processing skills. Varied responsibilites. Salary $10,800 plus to start with excellent fringe benefit package. Resumes or application by Dec. 17. EOE. Lancaster Co. Agricultural Preserve Board, 50 N. Duke St., P.O. Box 3480, Lancaster, PA 17603.

Full time working herdsperson on steer & hog feeding farms. Cumberland Co. Reply to Lancaster Farming, PO Box 366-K-130, Lititz, PA 17543.

HELP WANTED: Dairy farm. Milking and field work. Experience and reference required. Northern York Co. Between 4 and 8PM, 717-774-2554.

HELP WANTED: Person needed to work full-time in poultry and hog houses. Also must run computerized feed mill. Must be mechanically inclined. Prefer Christian young couple Housing availble. Berks Co. Send information to: Lancaster Farming, P.O. Box 366, A-107, Lititz, PA 17543.

Sell Animal Health Supplies
farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
Call:
Animal Medic, Inc.
717-266-5611

Person to work on dairy farm, full time, or morning & evening part time. Lanc. Co. 717-653-4923

Seeking mechanically inclined industrious person to work on large dairy farm in western Connecticut. Opportunity to work with modern equipment on large scale crop program. Cash salary $900/month plus housing and benefits. Send resume and references to Sunny Valley Farm Manager, 4 Sunny Valley Lane, New Milford, CT 06776 OR call 203-354-2707 eves. to inquire.

Stable and farm help wanted for thoroughbred horse farm. Harford Co., MD. Experience on dairy or livestock farm adequate. 301-836-3636 after 6 p.m.

Sub Contractors Needed to Build Pole Barns. Must have truck & 4 person crew. Steady, year around work. Call Joe. 717-354-7561

TRUCK DRIVER-SALESMAN for milk route serving Montgomery, Chester counties. Health insurance, good driving record. Apply at Meadow Brook Farms, Pottstown, PA, 215-323-3700.

WANTED: Welder/Assembler/Engineer. Feedmobile Inc., Lititz, PA. 717-626-2680.

Working Heifer Feedlot Manager: Person should be animal & equipment oriented. Self motivation a must. Excellent salary & benefits for capable person. Located in Southeastern Chester Co. 215-274-8009 or 215-274-8976

FARM EQUIPMENT MECHANIC

Requirements for this position are: Instruct Inmates in repair and maintenance of Farm Machinery. Plan and carry out preventive maintenance program for Farm Machinery. Repair and overhaul Farm Tractors, Corn Pickers, Balers and other Farm equipment. Starting salary is $701.60 Bi-Weekly. Good benefits. Civil Service Applications are available and will be accepted at the State Correctional Institution at Graterford, PA 19426, or call 215-489-4151, ext. 451. Applications will be accepted until December 26, 1986.

EXPERIENCED HERDSMAN

For modern dairy farm. Excellent salary according to ability. Reference required. Greensboro, MD area. No Sunday calls.
301-482-8984

DAIRY FEED SALES

An opening exists for an individual w/experience in dairy feeding program and working w/dairy farmers. A degree in Animal Science or related discipline is desired. Qualified persons should submit a resume in confidence to:

Norman Williamson
Pennfield Corp.
P.O. Box 4366
Lancaster, PA 17604
E/O/E

Office Position: Computer oriented person w/ agricultural background to fill a position in Agriculture & construction business office. Person should have accounting training or experience, good telephone & 2 way radio manners a necessity. Excellent opportunity for advancement, excellent salary and benefits based on experience & ability. Business located in Southeast Chester Co. 215-274-8009 or 215-274-8976

Help Wanted on dairy farm, for milking & feeding, also some general farm work. Home provided. Northumberland Co. 717-648-8001

Herdsperson for 100 cow plus dairy farm. Experience a must. Winding Brook Farm, Bucks Co., PA. 215-348-5514.

Assistant herdsperson on New Jersey dairy farm. Experienced preferred. House included. 609-259-2630 or 259-7494.

Experienced help to strip tobacco. Millersville area. Amish transportation provided. Call or leave message between 6 & 10 p.m., 717-872-7801.

FULL TIME HERDSMAN WANTED
Must be experienced for a large dairy farm in Lancaster Co. Salary, benefits & housing.
215-267-2381
or after 5 p.m., **215-267-7070**

HELP WANTED
Full-time person with experience in poultry farming. Must have Class II license. Be responsible. Housing and Blue Cross and Blue Shield and vacation. 50 hour work week.
Reply to: Lancaster Farming
P.O. Box 366, K-131
Lititz, PA 17543

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Are you one of them?
Remember the Agricultural Employment Specialists.
NORTHEAST Agri-Employment Services
P.O. Box 233-Roaring Spring, PA
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Responsible and motivated persons who seek a rewarding and progressive career working with people are welcome to apply for work in artificial insemination sales and service for cattle. Preferred: ag background, safe driving record, willing to relocate in PA, education and/or experience given positive consideration. Compensation: above average income, fringe benefits, equipment provided, paid training, travel allowance. Mail resume to:

Atlantic Breeders Cooperative
1575 Apollo Drive,
Lancaster, PA 17601

AGRICULTURAL CONSULTANT

A state wide Farm Management Service Organization is looking for a take charge person to service clients in PA. Must have a 4 yr. degree, preferably in Agriculture or accounting with Agriculture background, and at least 3 years related experience. This person should be mature and able to communicate with farmers in management, taxes, finances, and production.

Send Resume To:
Lancaster Farming
P.O. Box 366-A-109
Lititz, PA 17543

HELP WANTED - CLERICAL/OFFICE

FARMLAND PRESERVATION Seek enthusiastic, competent candidate to play key support role in farmland preservation in Lancaster County. Secretarial position requires some experience, ability to communicate, good all-around clerical skills, including word processing skills. Varied responsibilities. Salary $11,600+ to start with excellent fringe benefit package. Resumes or application by December 17.
EOE.

Lancaster County Agriculture Preserve Board
50 North Duke Street, P O Box 3480
Lancaster, PA 17603

23 HELP WANTED

Assistant herdsperson to work with breeding, milking, calf care. Housing and benefits available. Lester C. Jones & Sons. Ask for Bucky, 609-267-0198, after 6, 609-267-5246.

HELP WANTED FOR ROOFING
Dependable & conscientious workers needed for shingle application. Excellent benefit package.
Sam Smucker & Sons Inc.
2133 Rockvale Rd.
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717-392-3369

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217 acre dairy farm in Harford County, Maryland, with 70 cows. Available for rent or operated on shares. 301-836-9442

Have fine Central PA Dairy facility & feed. Need a couple, short on capital, and long on ambition to start own dairy 814-669-4672

WANTED: Individual to take first mortgage Would be willing to pay 9.5% on 7 year term. Replies kept confidential. Write: Lancaster Farming, P.O Box 366, R-98, Lititz, PA 17543.

Wanted to Rent: 40 Acres or less, house and barn in Mifflin County. Call 215-348-2513 after 6 PM.

Family desires to assist to take over dairy end of small dairy and/or crop work. Eventual possibility of partnership or buy out preferred. S.E. PA or Bedford County or even Alaska!
Send reply
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Open your own beautiful shoe store. LADIES-CHILDRENS - MENS. All first quality merchandise. Over 200 top name brands-Over 1500 styles *Gloria Vanderbilt *9 West *Evan Picone *Andrew Geller *Liz Claiborne *Capezio *Bandolino *Bass *Bear Traps *Calico *Reebok *Stride Rite *Buster Brown *Candies *L A Gear *Cherokee *Florsheim *Freeman *Bostonian and many more. $12,900 to $39,900 includes beginning inventory-training - fixtures and grand opening promotions. Call Today. Prestige Fashions 501-329-2362

Partial investor needed for turkey operation in central Iowa. Need $100,000 for five years. Will pay 10 to 12% interest and 5% of principal per year. Balloon end of year five. Secured by five year production contract of major meats group. All replies kept confidential. Reply to George H Rutrough, 5311 Glenvar Heights Blvd , Salem, VA 24153.

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Call
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10 AKC St. Bernard puppies, ready for Christmas. 814-276-3157

AKC miniature pincher, 8 wks. old, 2 males, nice markings. Along Rt. 10, 1½ mis. S. of Honey Brook. Stephen L. Stoltzfus, R2, Box 64A, Honey Brook, PA 19344.

Bouvier des Flander pups, AKC, 8 weeks, first set of booster shots, ears cropped, tails cut, tatooed. 215-799-4043.

Catahoula dogs and pups for sale. 215-493-4900.

For Sale: Australian Cattle Dog pups (Blue Heelers). Will be ready Dec. 12th. Newmanstown, Lebanon Co. 215-589-4558

For Sale: Jack Russel Terrier pups, shots. John Fisher, 3405 Old Phila. Pike, Ronks, Pa. 17572. Lanc. Co.

Free! Black lab pups, raised in house with children. Six weeks, Dec. 24. 717-786-7046.

Irish Setter Dog, purebred, 8 months old. Will sell or trade for a Ewe Sheep, Dorset breed. 215-593-6897. Keep Ringing.

Jack Russell pups for sale. Cheap for quick sale. 717-733-2648.

Jack Russell Terrier puppies, males, $75. Nice. Peter Weaver, 158 Meadow Valley Rd., Ephrata, PA 17522. ½ mi. W. off 272.

Jack Russell Terriers. Registered parents, bred for ability and disposition, certified pedigrees, shots and wormed, ready to go. 717-596-3220

27 PETS

Purebred Australian blue heeler cattle dog puppies. Priced reasonably. Lanc. Co. 215-286-9052.

Quality Labrador puppies, purebred, chocolate & yellow, shots & wormed, born Sept. 1st., $250. 301-239-8252

Registered border collies born Sept. 8. International and national bloodlines. 201-948-4941 Harmony Ridge Farm, Branchville, NJ

Registered Australian shepherd puppies, excellent parents 717-245-0944.

Started Blue Tick coonhound pups, will help train Stud Service Available. 717-664-2854 after 4 30.

One friendly adult brown male Llama 215-257-6055 after 5PM or weekends.

WANTED-Puppies, all breeds. Jack's Dog Farm, Rt. 611, Pipersville, PA 18947. 215-766-8802

WANTED Puppies For Pets
AKC, Purebred, Mixed Litters.
Stud service for most breeds
Transportation provided
Forest Ridge Kennel
296 S. Vintage Road
Paradise, PA 17562
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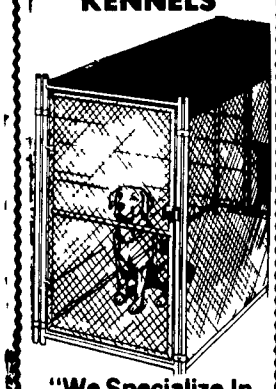
CUSTOM BUILT CHAIN LINK KENNELS



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Singles To Large Complexes
Apply To:
Quality Fencing & Supply
R.D. #1 - Box 428
New Holland, Pa. 17557
717/354-9760

PUPS WANTED
By Jo Jo The Dog Man
$ Top Dollar Paid
I'll be buying pups at Root's Farm Market, Tues., December 9 from 5:00-8:00 PM
I need 125 pups on Tuesday, December 9.
Due to the bad weather on December 2nd no prize was given. I will give a $200 prize on December 16th.
I will pick up puppies December 9th and 23rd; Kirkwood - 1:00; Quarryville - 1:30; Georgetown - 2:00; Strasburg - 2:30; Intercourse - 3:00
Pups wanted in litter lots only to 8 weeks old. No adult dogs handled.
Root's Farm Market is located exactly 10 miles south of the PA turnpike exit #20; 3 miles south of Manheim, PA off Rt. 72.
For questions, call:
JoJo The Dog Man
7 Am - 9 AM
Phone **609-452-8903**
P.S. Pup stand will be closed December 30th to February 24th.

$ $ $ $ $ $ $ $
MONEY FOR PUPS
in litter lots for resale in my pet shop. Will pick up. Cash paid.
Call
Charlie Hackett
mornings.
1-215-681-5236
$ $ $ $ $ $ $ $

PUPS WANTED
AKC & Cute Curly Mixes, 7 weeks old for pets only. Highest cash prices paid. Reliable weekly pickup. Call The Puppy King at Pet Depot.
201-295-2442 Daily
201-899-5868 Early Morning Call Collect
215-350-5249 Thursday Only
P.S. We buy pups 52 weeks a year.

31 NOTICE

POWER HOUSE ANTIQUE AND FLEA MARKET: Collectible Avon, tools, antiques, books, candy, furniture, jewelry, baseball cards.
Open every Sunday, 9AM.
Rt. 29 North of Rt. 422, Collegeville, PA.
215-489-7388.

32 MISCELLANEOUS

ANTIQUE WOOD BEAMS, excellent condition, various lengths. Good for restoration work, $.85 - $1.50 linear feet. Call 215-383-0800.

WOODWORKERS AND CONTRACTORS
Heavy duty woodworking equipment, power tools & air compressors. Precise quality, low prices & 100% guaranteed.
15" Planers, $695.
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10" Table Saws, $375.
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8" Jointers, $545.
6" Jointers, $275.
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½" Shapers, $265
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5HP 60 gal. Air Compressors.
Larger Equipment Available. Super Savings on all size air compressors. Bargain Prices on Makita, Milwaukee, Porter Cable, Black & Decker, Ryobi, David White Transits & more
Call for prices Cash discounts. VISA, Mastercharge accepted. Wholesalers welcome. Will try to beat any price, anywhere
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Bandsaw blades made to order Wood, metal or meat cutting Also, butcher handsaws & blades. UPS shipping 717-733-0511 Martin's Sharpening, RD#1, Ephrata, PA 17522.

Bought and sold new and used cardboard boxes, drums Pint, Quart & Gallon Containers. Reliable Recyclers, 178 Greenfield Road, Lanc., PA, 17601, 717-397-7695

32 MISCELLANEOUS

For Sale: 1,000 gallon air tank; 2,500 gallon air tank; 8,000 gallon air tank. Steven U. Zook, R.D.1, Box 392, New Holland, Pa. 17557.

Showcases, for jewelry, etc. Desk for computer or typewriter. Commercial hairdryer. 15h air compressor. (3) 60 hp electric motors 201-291-9371

WANTED: One male Patogonian Conure; also one female Rheus monkey. Best Offer for both. 717-627-1837.

WANTED TO BUY: Train collector has $10,000. to invest in Lionel, Flyer, Ives, Marx, HO, etc. Any amount or condition For appointment call 717-898-0332

HALF PRICE! Flashing arrow sign $299! Lighted, non-arrow, $289! Unlighted $249! Free letters! Warranty See locally
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Guy Sexton Logging and Timber Management
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For Sale: Onan PTO alternator, 30KW, 120-240 volt, 1-phase, 125 amp. 717-273-5231 or 717-272-0574.

Leroi generator, 25KW 120/220V, 4 cyl. gas engine, good condition, $2,500. Trega Corporation, 215-756-6308.

Metal shaper, 16" step-toe, like new, $300; 4HP Faryman dsl., $100. B. Whittaker, Jr., West Point, PA, Montgomery Co. After 9PM, 215-699-3722.

Pole Buildings 24'x40' completely erected $3,999.00. Overhead and entrance doors included. Other sizes available. Call CHAPARAL BUILDINGS 1-800-772-0072 Anytime. Material Only Packages Available.

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Meat grinders, band saws, slicers & tenderizers. Also new splitting saws for only $249.00.
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Capacities ranging from 3,000 to 8,000 gallons.
(1) 3,000 gallon. $475
(3) 4,000 gallon. . . . . $575 each
(1) 5,000 gallon. $650
(4) 6,000 gallon. . . . . $750 each
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Will Sell Individually or Buy All 17 For $7,000
Also have railroad tank cars, suitable for liquid storage in ½" and ¾" thicknesses
Delivery Can Be Arranged
Call **717-425-2285** after 3:30 p.m.
Serious Inquiries Only

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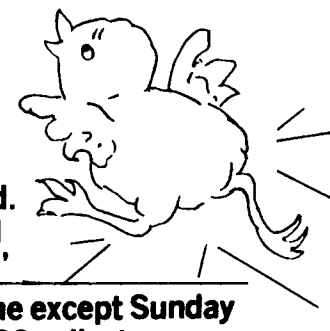
The cows are falling.
How do you know?
Farmer Brown said so.

How do you know Farmer Brown?
I saw it with my eyes.
I heard it with my ears.
And there is less milk in the pail.
Let's go ask the wise old owl.
The owl thought for a moment.
"Call the Scabbler Man", he said.
"He can fix the barn for you, and
You'll find more milk in the pail!"



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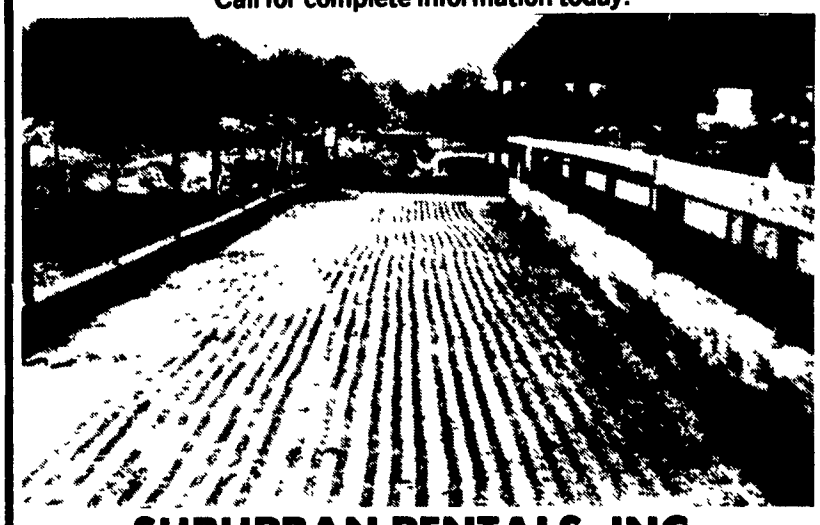

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32 MISCELLANEOUS

Clean black pipe, 1", 1,500 ft., 8' to 20' lengths. 717-354-4424. Jack or Doug.

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Truck mounted tanks, 1,800 gal. & 2,500 gal.
Tank Trailers, 4,000 gal. & 5,500 gal.
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TD24 Int. diesel engine
4 cylinder Ford Industrial engine for parts
HM Hough loader, whole or parts
Industrial spot welder
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D-4 Pony motors w/starter, rebuilt $400. each
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D-4 or 955-12A loader tracks, $150
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Small hammer mill shredder, $25.
Hopto Backhoe, $2,800
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50 gallon drums, $1.00 each
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or
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33 RECREATIONAL VEHICLES

FOR SALE: 1985 Rockwood 31' Class A motor home, 3,049 mi., roof air, dash air, microwave oven, awning, center bath, tow hitch, 454 Chevy engine Still under warranty. 717-273-5231 or 272-0574.

34 AUTOS

For Sale: 1971 Mercedes Benz Sedan, black interior exterior, 4 cylinder diesel, in running condition. $1295. Adams Co., 717-624-8286.

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Replaces conventional septic systems with a self-contained bioconversion appliance • Eliminates wastewater discharge • Constructed from rugged stainless steel and non-porous plastic • Features positive venting for odorless operation • Easily maintained • The compact HUMUS 80 occupies only 25"x33" of floor space

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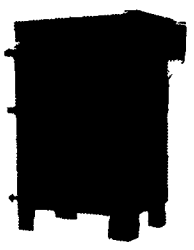
This Coal Stove Provides Automated Carefree Operation



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35 TRUCKS AND TRAILERS

FOR SALE: '72 Ford school bus, running condition. Make Offer. 717-733-9723

For Sale: 1976 C65 long wheel base truck, good condition. 717-545-3948 after 6 p.m.

For Sale: 1976 Mac tractor, model R686ST, 300 h.p., 5 spd., Jacobs engine brake, air dry system, 176" WB, 10.00x22 radial tires on spoke wheels, 2 color imron paint, recently rebuilt rears, clean. Asking $12,500. 215-723-3764. Ask For John.

For Sale: '79 Mack tractor, cab over, 375 hp, 10 speed, twin screw, PS, AC, air ride cab, $9,500. 717-896-8347.

For Sale: Transfer Trailers, all sizes; Demolition Dumps; Low Boy detachable trailers, 40, 50 & 60 ton. Used trucks, dumps, grain dumps & rollbacks. Keith walking floors, sold & serviced 814-623-9696 or 814-623-8696

Ford F250, 1970, 6 cylinder, 4 speed flatbed with oak floor, new paint. Current inspection. Excellent farm truck. 215-489-9358.

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Trailmobile 40' grain trailer, 4' sides, tarp & bows. 609-259-2413 after 6 p.m.

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1977 Ford 350, 1 ton, with Schwartz 15' roll back bed. Saxonburg, PA. 412-352-1081.

1977 Int. 1700 Loadstar 21' Van Body, 10:00 rubber, V8, 5 spd., 86,000 miles, runs good, $4,500.; Dodge 12' Kari-Van, auto., V8, $1,500. Burl. Co., NJ. 609-267-8382

Tri Star 26' 15" step flat trailer. 215-767-5512

Truck hoist, 5 ton capacity, twin cylinder, for 10' body or shorter, complete w/truck PTO & hyd. pump, $375. Firm. 215-967-1821 after 7 p.m.

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'86 GMC 2500 HD ¾ ton 4x4, 350 4 spd., PS, PB, dual tanks, lock out hubs, 8,600 GVW, 15,000 miles, like new, $10,995. 717-733-2873

'83 Chevy C10 ½ ton, 4 x 4 305 HD 4 spd., PS, PB, AM-FM, 6,100 GVW, 22,000 miles, excellent condition, $7,950. 717-733-2873

DUMP TRAILERS WANTED: Too old, too short or too long, steel or aluminum. Also 35 ton LoBoy. Jason Oberman, Rt. 2, Box 477, Purcellville, VA 22132. 703-338-2345 or leave message with name and phone number.

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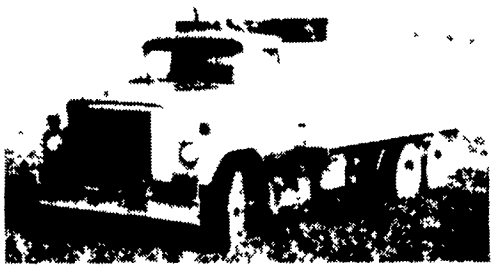
'80 Toyota 7' Mini stake body, 4 cylinder, 4 spd, 53,000 miles, good condition, $2,250 717-733-2873



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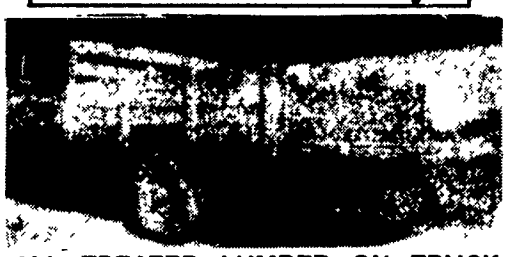

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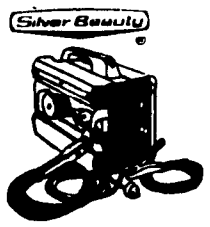

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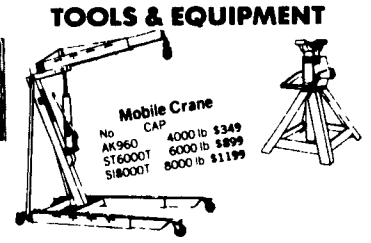

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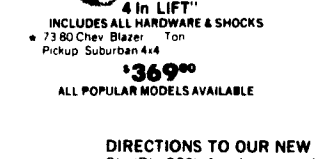

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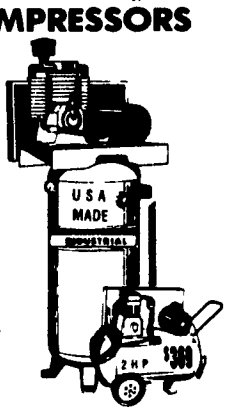

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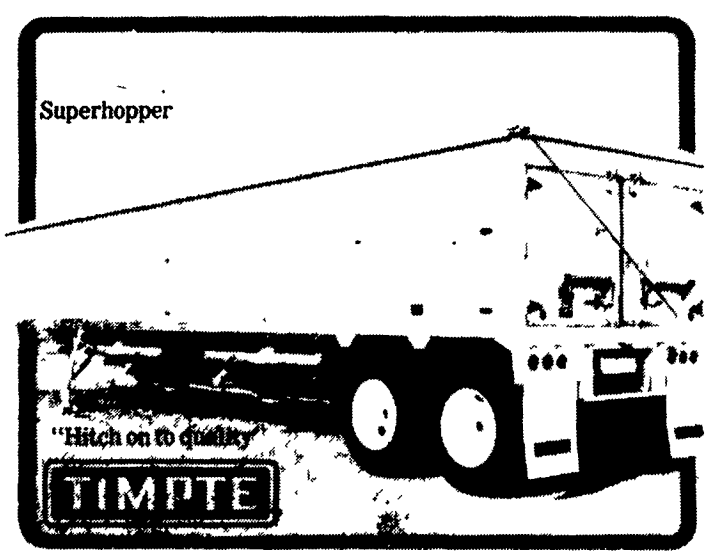

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'85 Ford Explorer F250 HD ¾ ton pickup, 351 4 spd., PS, PB, dual tanks, AM-FM, 8,600 GVW, $7,800. 717-733-2873

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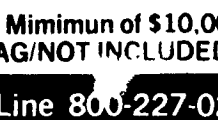

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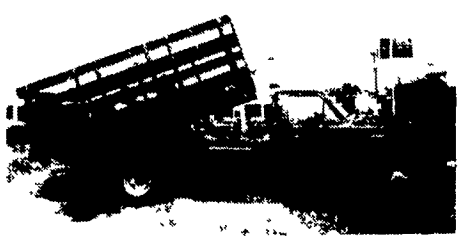

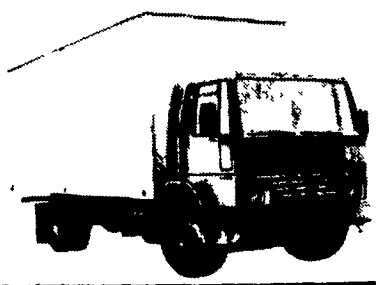

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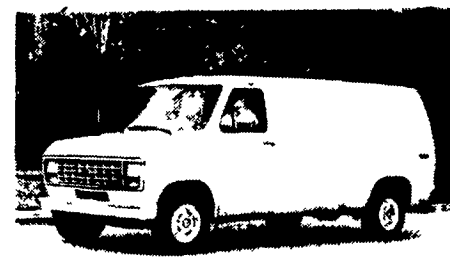

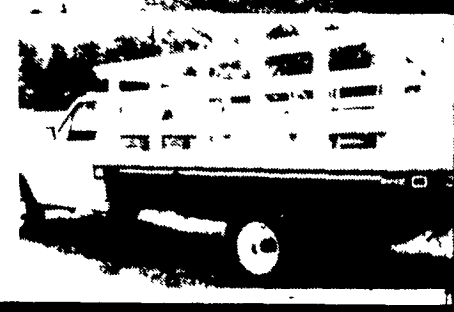

35 TRUCKS AND TRAILERS

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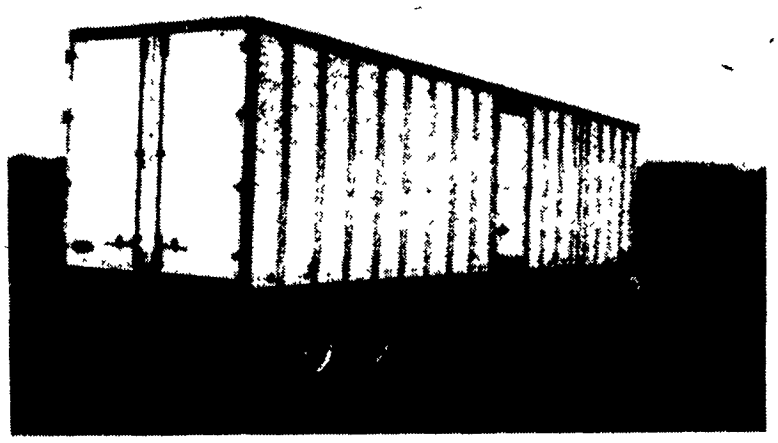

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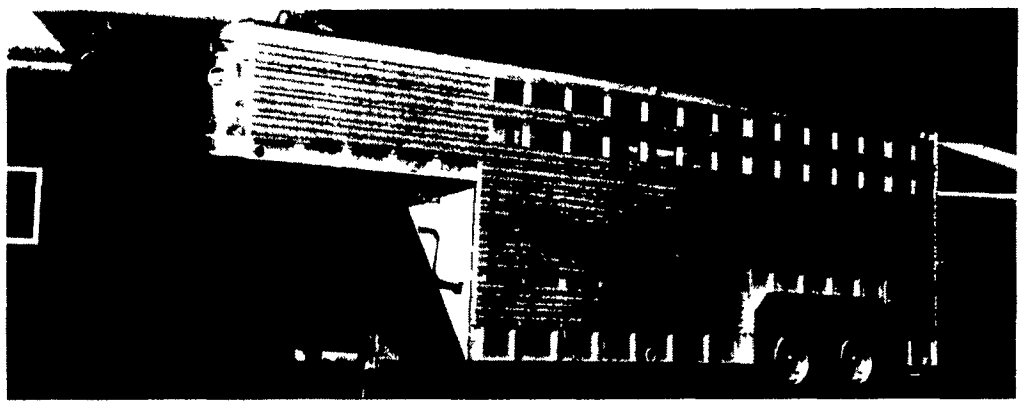

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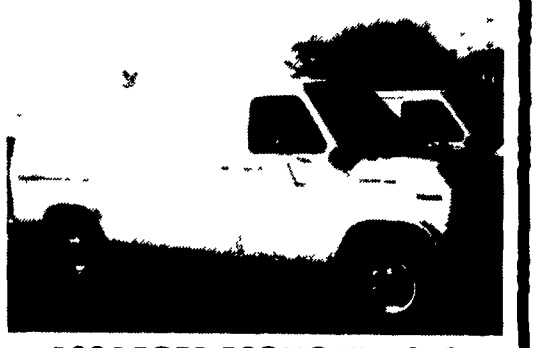

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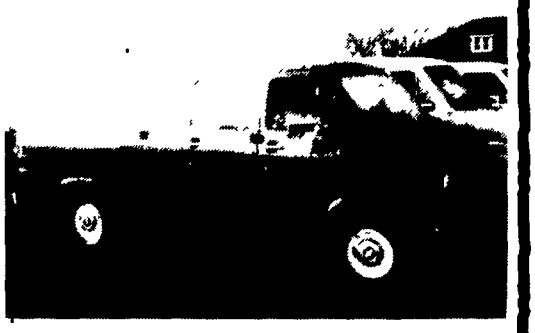

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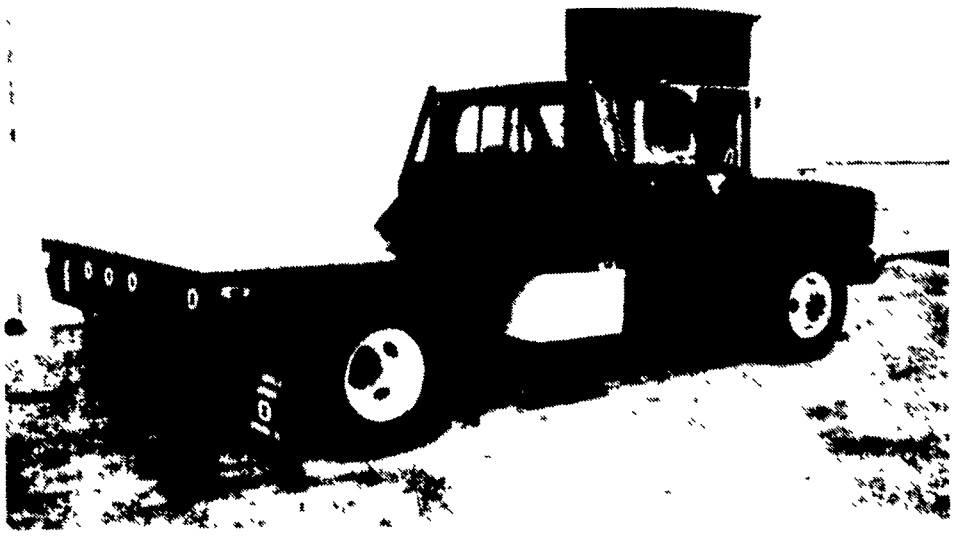

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2 p.m.: Hamilton Bank guardian for Patricia Lusby-1978 Schult 14x70', 2 large bedrooms "Homestead" model w/4'x11' tip-out. Located on lot K-18, Iroquois Road, Indian Run Village, ¼ mi. N of Rt 82 from the 82 and 322 intersection (between Downingtown and Honey Brook) Inspection 2-5:30 p.m. Sunday, December 14, and Wednesday, December 13

TERMS: 25% CASH or Equivalent deposit at "KNOCKDOWN" 30 day settlement No land included in sales All transfer costs and any taxes to the buyers

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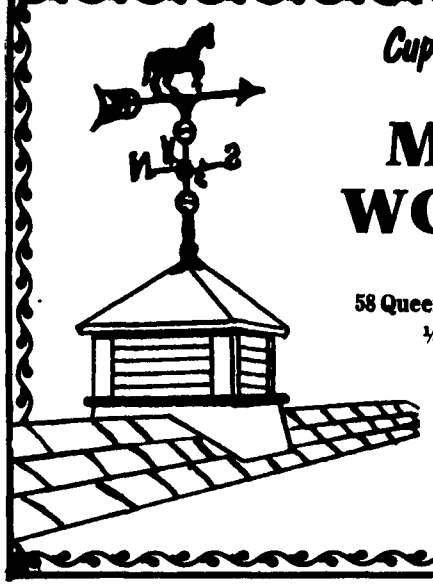

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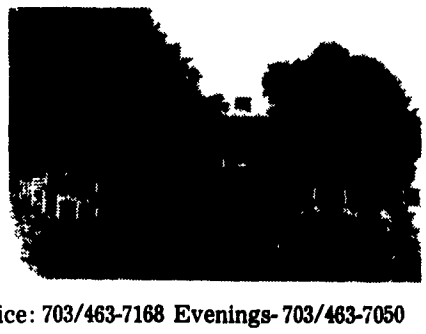

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717-724-5921
Call or write for free list

HOTEL, super business, large lot for extra parking, kitchen plus all equipment. Apartment overhead for living quarters Owner anxious to sell $35,000. (D512)

HUNTING LAND, 15 acres, road frontage, spring, good building site. $6,000. (D508)

GENTLEMAN'S FARM 65 ac., Potter Co. setting, older well-kept home Large barn, land mostly open $65,000 (D499)

NEAR COUDERSPORT, 21 acres fully surveyed, open/wooded. Not far off main road Good hunting $20,000 (D500)

MOVE-CONDITION-4 Br home, hardwood floors, 2 baths, garage & great view Small Tioga Co village. Low taxes $41,900 (D492)

CALL FOR FREE LISTS
ERA-Homestead Realty
168 W. Main St.
Westfield, PA 16950
814/367-2222

RETIREMENT small No central PA community Low taxes, new recreation lakes, State land, etc $29,950. (M124)

FARMETTE 17 7 acres overlooking lake, good bank-barn for horses/beef 4 BR farmhouse, hard road $43,900 (M119)

FARM EQUIP. BLDG - 40'x112', 2 acres main road, good condition, many uses, MUST SELL $45,000 (M117)

10 ACRES wooded/private, views for miles, $8,000, OR, 61 acres, views, nr State Land/Lakes $26,000, OR, 120 Ac your own valley, timber/open $59,500 (M1783, 1733, 1644)

17.14 AC. CHALET 3-4 BR, fireplace, deck, full bsm't, 32x40 barn, views for miles $44,900 (M1717)

FREE LISTS
ERA-Homestead Realty
267 S. Main St.
Mansfield, PA 16933
717/662-3287

8 AC. DUTCH COLONIAL - 4 BR, full bsm't, garage $33,900 (W992)

MT. TOP RETREAT 28 ac surrounds 3 BR rancher, outstanding views, bsm't & garage, new $67,900 (W153)

290 ACRE FARM remodeled 3 BR, 2½ bath farmhouse, barn, horse sheds pond, etc Reduced $188,500 (W991)

2.35 AC SITE, drilled well, septic, surveyed, views and private setting, ready to build $8,800 (W1010)

10 ACRES, ½ woods, owners terms, stream $9,500 (W1021)

220 ACRES bordering State Land, stream, timber $82,500

RETIRE/RETREAT - 2 AC farmhouse, solid, remodel $19,900 **3 BR** rancher near State Lake $28,500, **28 AC.** surround partially finished home, prvt, utilities, $38,500 (W158,163,159)

FREE LISTS
ERA-Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

ERA

SHEETZ REAL ESTATE
RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA

CALL 653-1481

FARM LISTINGS NEEDED

Farm Salesman - Eugene Kreider

SOD-B-6968

240 Acre Dairy Farm, 185 Acres tillable. 40'x170' single story barn and a 36'x76' two story barn. 1000 gal. bulk tank (3" pipeline on Lease) Three Harvestores: 20'x80', 25'x65' and 20'x70' plus 16'x50' stave silo.

80' Feed Conveyor system. Machine Shed 44'x160' plus 24'x50' Shed & Granary. Grain Bin 3000 bu., all steel.
Four bedroom Home, 1½ story.
Also another set of buildings including an older four bedroom house and a 36'x74' Barn. Asking Price ~~$250,000~~. Price negotiable and conventional terms available.

Address all inquiries to:

SODERBERG REALTY
P.O. Box 504
Thorp, Wisconsin 54771
Phone: 715-669-5551 or
717-669-5688

UNION CO. $370 PER ACRE
"Adventure In Your Own Mountain"

189 Ac., frontage on Penns Creek. Opportunity for several home sites. Beautiful mountain land which borders Bald Eagle State Game Forest. Turkey & Deer hunting.

JUNIATA CO.

82 Ac. over ½ wooded, fertile fields, stream, deer hunting, frontage on Rt. 35. Priced in the sixties.

BERKS CO.

12½ acre farmette, brick 3BR home, approx. 5 acres tillable, balance pasture and woods, small barn, rural country living, minutes to Rt. 422. Priced to sell. $78,900.

LOWER BRADFORD CO.
Valley Setting

55 Ac. dairy farm, 30 stalls, pipeline, etc. 12x50 Silo, 1½ story 3 BR home, more land available, located along Rt. 514. Price reduced, mid sixties. "Tie The Cows."

LANCASTER CO.

78 Ac., 25 tillable, remainder mature woodland. Owner will subdivide into two parcels. Possible financing.

SNYDER CO.

40 Ac., 12 fertile acres, remainder woods, spring, old log house, located in a quiet scenic back country setting. 1½ hours from Lancaster. Fifties.

RICHFIELD

Economical hunting cabin on 2 acres, $19,900

BLOOMSBURG AREA

$28,500 buys 34½ acres, stream, wooded, open land, seclusion, good hunting. Minutes to I-80 and to work.

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone 717-569-8701
or Ephrata 717-733-3344
REALTOR

Wimple Associates

CENTRAL NEW YORK

75 COW OPERATION near Herkimer has 200 acres with 150 tillable and 50 pasture Quanset roof barn has 75 milking stalls and 2 box stalls, Surge pipeline, Patz cleaner, 2 silos Attractive Colonial home ASKING $139,000 with possible owner terms CALL WIMPLE'S SLOANSVILLE OFFICE 518 875-6355

COBLESKILL AREA

NEARLY NEW BARN NEAR COBLESKILL: Barn built 7 years ago has 48 large ties on Conde pipeline, Patz cleaner, 12 ties for heifers, mow elevator, 18x50 unloading silo 5 Bay machinery barn Lots of hand hewn beams in the 10 room Colonial home with 2 baths and hand made woodwork 190 acres, 130 tillable INCLUDES 65 Holsteins, tractors and all machinery for $245,000 CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

SOUTHERN NEW YORK

"HIGH STATE OF CULTIVATION" describes this 190 acre farm with 122 acres of tillable, high-lime soil Good alfalfa soils Well kept dairy barn has 38 stalls, Patz cleaner, concrete silo Small heifer barn Very good 9 room home is built like a fortress $88,000 with possible terms For appt call 607-792-3355 or WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

FREE DAIRY CATALOGUES

FINGER LAKES AREA - 200 Ac Dairy/Beef Farm, 150 ac til , 20 ac wooded, fenced pasture, springs, stream, 3 wells, 75x60 - 35 stanchion barn w/elect & water, 2 story heifer barn w/elect & water, 400 gal bulk tank, gutter cleaner, corn crib, conc silo w/unlaoder, early American 9 rm house in good condition, price reduced owner offering liberal terms $130,000 #2404

STEU. CO. - 193 ac farm, 140 ac til , 35 ac forest, fenced pasture, stream, pond, 2 barns, 2 story, 4 bdrm home, long road frontage $89,000 Approx 29% down #2513

STEU. CO. - 293 ac , 180 ac til , 25 ac forest, 35 ac pasture, 125x50-64 cow tie barn, 2 silos - 1 leased, leased bulk tank dumping station, pond, 12 rm, 7 bdrm, 3 bath home, 2 mobile hook-ups, stock & equipment included $275,000 Terms #2438

SO. TIER - 900 ac farm, 600 ac til , 3 Harvestores, 2-14x40 silos, 110x200 main barn, 2 heifer barns - 1 w/heated workshop, several storage sheds 2000 gal bulk tank, all milking equipment, double 6 Herringbone w/automatic take off, 8 ac pond, large, well insulated, 9 bdrm house w/new kitchen plus, 3 bdrm tenant house & garage Can be purchased completely equipped and stocked #2463

SO. TIER - 310 ac , 195 ac mixed hardwood including red pine & spruce stand, stream Excellent location for tree farm Terms #2431

FINGER LAKES AREA - Historical colonial 6 bdrm home located on 8 ac, spacious country kit w/chestnut cabinets and wood stove, formal din rm, lg liv rm w/brick fireplace, family rm open stairway, 2 car garage, 3 story chestnut barn w/workshop Enhanced by the scenic view of surrounding hills and valley #2500

STEU. CO. - 105 ac , mostly til large barn, wells springs, terms $35 000 #2457

STEU. CO. - 380 ac 280 ac til 60 ac wooded, 2 ponds, 53 cow tie barn 130 freestall, pipeline milkers, 800 gal bulk tank 3 silos outbldgs , bunk feeder Newer 4 bdrm 1½ bath home, garage $295,000 #2471

SO. TIER - Dutch Colonial log home, northern white cedar, 10 rm 2½ baths, 2 story double garage 24x26 attached Built 1983 electric & wood heat wood beam ceiling throughout spacious country kit w/cathedral ceilings & appliances rural beautiful view of valley & charming hill sides macadam drive 12 ac $125 000 #2535

BATH, N.Y - restored Victorian home, entry foyer open mahogany stairway leading up to 3 bdrms full bath parlor rm w/white marble fireplace, formal din rm w/beautiful chandelier eat in kitchen with colonial brick wall for built-ins and island with built in range & dishwasher birch counter top, hood, adjoining den, beamed ceiling, cedar shingled wall wood stove, laundry rm includes half bath oak floors butternut trim, walnut stain updated elec & plumbing, 2 car garage carriage barn, conc drive lg tree studded lot $95 400 #2518

SO. TIER - Pre Civil war Ontario cobblestone house built 1850 listed with state & nat'l register of historical places, 2 liv rms w/fireplaces screened-windowed carpeted enclosed porch off liv #2, study w/fireplace & bath, for din rm, large entrance foyer w/hall, open stair case leading to 2nd floor with 5 bdrms, 3 baths, full size attic w/skylight & pegged beams, kit with most appliances & large eating annex, 18" stone walls paved circular driveway to 2 car garage w/breezeway leading to 2 attached storage sheds lg outdoor grille w/marble top Approx 1 ac lot $159 000 #2542

MAKITRA REAL ESTATE, INC
4 West Steuben St.
Bath, N.Y. 14810
607-776-2468
After Hours: **607-776-2386**

FOR SALE BY OWNER

167 acre northeast Pennsylvania modern dairy farm. Mostly tillable w/2 houses, nearly new free stall & dry cow facility, 4 silos w/unloaders, automatic feeding, double 6 totally automated parlor, 1500 gal. bulk tank, large new machine shed, 150 head of cattle, some machinery included.

717-222-4432

FARM FOR SALE

124 Acres in Hopewell Twp., Cumberland Co. Includes 40 Tie Stalls, Calf & Heifer Barn Three Silos And Nice Home. Call For Farm Inspection:

(717) 423-5490

Call Omar For More Information:
(717) 354-6066 - 7 AM to 5 PM

BERKS BEST FOR HORSES

43 ACRES (m/l) - "State-Of-The-Arts Operation" With Three Living Quarters, 36 Box Stall Barn, 5-Bay Equipment Shed, Office w/1½ Baths, 2 Tack Rooms, 2 Wash Bays, Hay Storage And Many Other Extras!

RICH BRANDT FARM REAL ESTATE
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

SANFORD G. LEAMAN, REALTOR

717-569-4264
Auctioneer
ESTATES • APPRAISALS • LIQUIDATIONS
101 White Oak Dr , Lancaster, PA 17601

NEW LISTINGS

UNION CO
69 Acre general or gentlemens farm with small barn 2 car garage 4 bedroom frame 2½ story house bordering Penns Creek Call Fred Clark at 717 523 7201

COLUMBIA CO
70 Acre farrow to finish hog operation Totally equipped and in good condition Can be bought as going operation or bare farm Could be a good money maker! Nice two story farm home Reasonable offers considered Call Pete Zeisloft at 717 437 2305

SOMERSET CO
113 Acre Amish dairy farm Could be converted to hog or beef 85 acres tillable Good state of cultivation 2 seams of stripable coal Would make a good investment If interested call Ernest Holsopple at 814 479 7682

TIOGA CO
Priced to please is this 94 acre dairy farm located in Tioga Co The farm features a 56 tie stall barn lose housing for heifers machinery shed small chicken coop small pig shed and a 4 bedroom house Call Barbara Lamont at 717 297 2619 for more details

CHESTER CO
Bodacious 14 acre modern dairy farm Total cow comfort pipeline on 65 ties with free stall barn Two Harvestores 2 stave silos new bulk tank with heat reclaimer Beautiful secluded 4 bedroom home with southern explosure Lots of road frontage Call Dan Messner at 215 286 2971 or Sandy Leaman at 717 569 4264

UNION CO
Modern dairy farm w 60 comfort stalls box stalls 2 modern implement sheds 840 gal bulk milk tank and pipeline milking system This fine farm has 237 acres w 180 acres of excellent tillable land A large 7 room brick house is in excellent shape Call Sandy Leaman for an appointment to see

White Deer Valley is the home of this exc dairy farm with 130 ac tillable 52 stanchions bunk feeder ex limestone soil hay barn and brick farmhouse with 2 baths and 5 bedrooms Call Fred Clark (717) 523 7201

JUNIATA CO
Beef farm ideal for an investor since the neighbor has been farming the land for many years and wishes to continue The modern farmhouse is in exc condition with large rooms A buy at $199 900 Call Sandy Leaman at 569 4264

22 acres at Licking Creek with barn that could easily be turned back to a dairy This farm presently has room for 350 hogs Call Dick Crawford at 717 734 3673

PERRY CO
99 acres of nice woodland price reduced Ideal for hunting camp near state game lands Stream and springs on property Call Ken Young at 717 426 1098

LEBANON CO
Horse farm or just nice country living for the executive The modern farm house has been renovated and modernized and has a beautiful family room and in ground pool Call Ken Young at 717 426 1098

LANCASTER CO
10 and 11 ac farms and farmettes at $225 000 and $179 900 Ready for new owners Excellent horse farms bed and breakfast or Gentleman estates Call Sandy Leaman at (717) 569 4264

COLUMBIA CO
164 acre Beef farm but could be renovated for dairy 142 acres tillable large contoured fields very good producing soil A very nice father son operation There is additional land nearby that can be rented also The buildings are in good condition but need up dating This farm has great potential Call Pete Zeisloft at 717 437 2305

SNYDER CO
Near Selinsgrove is a very modern dairy farm with lots of potential to expand to a much larger size There are presently 232 acres 5 silos 2 complete sets of buildings in excellent condition The farm sits just west of Selinsgrove and has development potential These fine farms could easily be split and sold as 2 farms and have 100 acres on one and 132 on the other and both be dairy Call Sandy Leaman for both of these fine listings at 717 569 4264

DAUPHIN CO
Here s a rare opportunity to buy a fully equipped 137 acre dairy farm with a high producing herd included Two year old dairy barn and six year old house in excellent condition could make this your dairy showplace Don t miss seeing this property Buy it your way fully equipped or bare We will even sell you just the new barn outbuildings and 132 acres If interested call Pat Kauffman at 717 896 8958

BRADFORD CO
A showplace is the description of this modern dairy farm in Bradford Co The farm features a 60 tie stall barn calf hutches implement shed garage A beautiful Victorian home and 287 acres of flat fertile land If interested call Barbara Lamont at 717 297 2619

"We Serve Your Farm Needs"

Call

BERKS CHESTER AND MONTGOMERY COUNTIES CALL DAN MESSNER AT 215 286 2971
YORK ADAMS SOUTHERN CUMBERLAND AND FRANKLIN COUNTIES CALL JERRY K STERN AT 717 246 1471
SOMERSET CAMBRIA BLAIR HUNTINGDON AND FULTON COUNTIES CALL ERNEST HOLSOPPLE AT 814 479 7682
UNION AND MONTOUR COUNTIES CALL FRED CLARK AT 717 523 7201
COLUMBIA AND NORTHUMBERLAND COUNTIES CALL PAUL PETE ZEISLOFT AT 717 437 2305
LANCASTER COUNTY CALL KEN YOUNG 717 426 1098 OR SANDY LEAMAN 717 437 2305
DAUPHIN COUNTY CALL PAT KAUFFMAN 717 898 8958
BRADFORD COUNTY AND LYCOMING COUNTY CALL BARBARA LAMONT 717 297 2619
JUNIATA PERRY FRANKLIN COUNTIES CALL RICHARD B CRAWFORD 717 734 3673

For Sale:
102 Acre Farm

About 75 tillable, 12 acres woods. Remaining pasture with stream under cultivation. New implement shed 30x70, house, barn. 3 miles from Penn National, 12 miles from Harrisburg. $250,000.

Call 717-469-0705
after 6:00 P.M.

SALE OF FARM BY UNITED STATES GOVERNMENT: Farm containing 48 acres (more or less) near Atglen, PA Chester Co Property contains several hog buildings and a residence All buildings need extensive repairs **Bid Deposit:** Bid must be accompanied by certified check cashier's check postal money orders bank money order or bank draft payable to Farmers Home Administration (FmHA), for at least ten percent (10%) of the total bid **TERMS OF SALE:** Contact County Supervisor FmHA, 1 N New St , West Chester, PA 19380 or call (215) 436-9541, for an appointment to inspect the farm Sealed bids are invited and will be accepted until 1 00 P M E D S T , December 18, 1986, at the FmHA office, 1 N New St , West Chester, PA. 19380 and will be opened publicly at 2:00 P M , E D S T., the same date and place The government reserves the right to reject any or all bids The farm will be sold without regard to race, color, religion, sex, age, national origin or marital status This property is being sold subject to the environmental regulations of the USDA. "This farm property contains highly erodible land and will be sold subject to the requirement that the successful bidder must contact the Soil Conservation Service (SCS) so that a conservation plan for the highly erodible land can be developed PRIOR to the completion of the sale "

For further information and bid forms, please contact the Farmers Home Administration, 1 N New Street, West Chester, PA 19380, (215) 436-9541

ASSUMABLE 5% MORTGAGE

200 acre "turn key" dairy operation including 60x80 stanchion barn, 24x48 corn barn, 36x50 and 36x60 implement barns, 2 pole barns attached to main dairy barn. 32x48, 24x24, 12x35, and 20x60 silos. 147 acres of tillable productive loam soils. Large stone house with new roof and new kitchen. Located just outside Mifflintown and near Mennonite Schools. This is a great opportunity to get started in the Dairy business. Priced at just $1,345.00 per acre. Call Jeff at (717) 786-2131 or (717) 548-2469.

155 ACRES

Dairy farm with southern exposure situated in a lovely valley with excellent buildings in the center with a large pond and stream covering 2 acres of land. Good outbuildings. 3 bedrooms, 2 story farmhouse with 2600 Sq. Ft. living area. For $450,000. A must to see! Call (717) 786-2131.

123 ACRE BEEF & TOBACCO FARM

Highly productive with frontage on 2 roads. Two large tobacco sheds, 100,000 bushels of grain drying operation, large pond and a 6 stall horse barn. Also includes restored Brick farmhouse with large modern addition. Only 10 minutes from Lancaster. Call 717-464-4700

MARTIC TWP.

76 acres general farm featuring 60 acres of tillable high producing soil, 4 bedroom farmhouse, barn, 12x60 silo, tobacco shed, 40x100 equipment shed and 10,000 cage layer house. Call 717-464-4700.

Century 21

EMORY D. WAGNER CO.
REALTORS®

S. KELLY REAL ESTATE AGENCY

SANDRA KELLY, BROKER
R.D.#8, BOX 218-A LANDIS AVE.
ROSENHAYN, N.J. 08352

Sandra Kelly, Realtor
NEW JERSEY LICENSED
REAL ESTATE BROKER
OFFICE (609) 455-8820
EVENINGS (609) 455-5782

Horse Farm/Light Mfg. Hopewell Twp.
Former milk processing plant w/2 large barns (36'x180' & 30'x150') and 40 acres prime farmland & nice 2 story home. Presents numerous possibilities for investment, small business and/or home ownership. Under priced at $200,000.

Small Horse Farm - Stow Creek
Remodeled older home on 33 fenced in acres with outbuildings. Crossfenced with individual loafing sheds. $135,000.

Spacious Country Estate on 27 acres, Ramah Rd., Fairton
Large home currently used as 4 apts. could easily be reverted to single family dwelling or left as is with inground pool, tennis court, basketball court & 5 stall horse barn with riding ring. Property completely fenced in. Many extras too numerous to mention $225,000. Partial owner financing.

Stow Creek Twp.
New modular home on 170 acres w/morton storage bldg. 70 acres tillable, 70 ac. woods 30 acres marsh tillable ground currently used as sod farm. Owner will lease back tillable ground. Good future investment potential only $180,000.

Pittsgrove Twp. Centerton Rd.
Beautifully located 2 story home in country with new roof, siding, porches, etc. On 18 acres. 8 open & 10 wooded. Competitively priced at $75,000.

Evenings: Jack Dare 609-451-1975
Opal Smith 609-451-6926

MORRISONS COVE,
BLAIR COUNTY

Modern Dairy, 116 acres w/97 tillable limestone soil, facilities for 50 plus cows. Bunk feeder, heifer barn, manure storage, large 2 story shed, 2 silos, excellent remodeled 7 room limestone house, and 12x50 mobile home. 46 cows including 15 first calf heifers w/17,600 herd average. Equipment Available.

Call after 6 p.m.
814-832-2809

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND & CABINS

We presently have one of the largest selections of farms, farmettes, land and cabins available in central Pennsylvania. We have over 50 exclusive listings.

Our Farm and Land Department would be happy to mail a free, detailed farm and farmette list or land and cabin list to you.

See the November 29 and December 13 issues for a complete farm inventory.

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
Don Myers (814) 422-8111
Mel Rockey (814) 466-6588

(Bedford) Richard D. Reed (814) 838-4271
(Huntingdon) Rachel Furt (814) 669-4194

KISSINGER LEONARD & BROWER Realtors

Frederick J. Kissinger, Realtor
William H. Leonard, Realtor
Ralph F. Brower, Realtor
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

YATES COUNTY
NEW YORK

North of Penn Yan, in the heart of the Finger Lakes. The best vegetable soil in the area. 119 acres - some woods and some muck land. Fix up farm house and small barns. City water. Call on 120A.

Century 21
Four Seasons
Penn Yan
315-536-7456

FOR SALE

Steuben County, NY 204 acre dairy farm, 40 tie stalls, pipeline, tank/washer, 2 concrete silos/unloaders, (1) bunker silo, (2) machine sheds, 5 bedroom home. Complete w/all cattle & excellent line of equipment. $225,000.

607-359-2674
Evenings
After 7 p.m.

PENNA FARMS

FRANKLIN CO.

55 Acre Limestone Soil, milking barn, pipeline milkers, bulk tank, lounge area, hay & implement storage Additional acreage available No dwelling

Limestone Soil 5 acres to 175 acres You decide Double four Herringbone parlor, 4 in line milking units, bulk tank, 40x80 lagoon, 50x80 bank barn, 96 free stall pole barn, 2 family dwelling (stone and brick), each 3 BR Never failing spring

107 Acre General, 86 acres tillable, 10 pasture, 8 wooded, large bank barn, wagon shed with attached garage, 3 BR brick dwelling, 2 streams

CUMBERLAND CO.

NEW LISTING

115 Acre modern dairy farm, complete new dairy facilities, 48 tie stalls, pipeline milkers (automatic takeoff), 1,000 gal tank, 20x70 silo w/unloader, bank barn, 40x70 implement building w/3 automatic door openers, modern 4BR dwelling LIMESTONE SOIL

75 acre dairy, 26 tie stalls, bulk tnak, stable cleaner, silos w/unloaders, implement storage, new furnace, 4 bdr dwelling, farm pond, beautiful view of the mountain

95 Acre General Farm, 2 story Colonial brick and aluminum dwelling w/brick fireplace and car port Nestled among the trees Secluded from neighbors but adjacent to mountain for the individual wishing to have horses for riding Fertile sandstone soil, 20 acres wooded w/timber, large horse barn w/16 stalls and other outbuildings

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

Snyder County

Amish Farm, 40 acres tillable, house, barn, tobacco barn, and silo, all 5 years old. Private $88,900.

House, barn, on 54 acres, largest cider press in the county. Near Amish community.

130 acres, 90 tillable, 3 BR home, pond, barn for steers. $175,000.

115 acres, fruit farm, 2 homes, barn. Will subdivide. Established Fruit Farm.

130 acres, 105 tillable, 2 homes, barn for steers.

145 acres, 100 tillable, 12 room home, and barn. $140,000.

125 acres, house, barn, and cabin.

Integrity Real Estate
717-837-1061

Longacre

BERKS CO

- 140 Acre Farm features lovely 2½ story stone home modern kitchen, dining room, living room, center hall, 4 large bedrooms & bath, large bank barn, 2 large machinery sheds, small horse barn large storage bins, gently rolling land with pond & stream, $460,000
- 70 Acre farm features 50,000 bird automated high rise laying house with packing room large steer barn, corn cribs lovely 2½ story stone home with kitchen dining room living room family room and 4 bedrooms 2 baths $550 000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt 100 Hereford, PA 18056
Ph: 215-679-5919

BRADFORD COUNTY

- 5 acre Dairy Farm Modern 74 stall dairy barn Bulk tank, steel pipe line, barn cleaner, 20x32 Harvestore silo and 20x60 concrete silo Manure storage Modern Ranch home with 4BR's, Kit , DR, LR, Bath and Den $145,000 Also second house available
- 500 Acre Dairy Farm, 450 tillable, features 184 freestall dairy barn, 125 stall heifer barn, double-8 milking parlor, two 1 000 gal bulk tanks, two 100' bunk feeders, three 24x60 and one 20x60 concrete silos w/unloaders, lovely 4 BR home w/kitchen, LR FR, office, den, laundry & bath 2nd home 3 BRS & bath Spring fed pond & much more Call for details, $650,000 Cattle & machinery available
- 188 Acre 130 T Dairy farm with large double 13 room house 3 car garage, 86 stall barn, 1 000 gal tank pipeline milker, barn cleaner large machinery shed $165 000 Cattle & machinery available under separate contract

SUSQUEHANNA COUNTY

- 565 Acre dairy farm Features 145 stall barn heifer barn large machinery shed 2½ story house with kitchen dining room living room office family room laundry 3 bedrooms 1¼ baths 2nd House Modern 3 bedroom with kitchen dining room living room and bath Apartment with modern kitchen living room dining room 3 bedrooms 1¼ baths 3rd House New 2 bedroom kitchen living room and bath $750 000

POTTER COUNTY

- 116 Acre, hunting ground 30 acres open, balance wooded, borders 2 roads & river Possible Owner financing $50,000

LEHIGH COUNTY

- 100 Acre dairy farm, 80 tillable, features 90 cow free stall barn w/freshening area and bulk feeder, 36 stall milking barn w/pipeline milker, bulk tank, barn cleaner Lovely 2½ story home, large kitchen, DR, LR, laundry, 5 BR, 2 baths, full attic & basement, (2) 20x60 Harvestore silos, 20x80 concrete w/unloader Stream & pasture level land, $300,000

TIOGA COUNTY

- 800 Acre Dairy Farm 400 T 2 very good lovely homes 83 stall dairy barn Steel pipe line, 1000 gal tank and barn cleaner (2) 16x60 and (1) 14x40 silos with unloaders Large heifer barn $365 000 Full line of machinery and cattle available
- 122 Acre 100 T dairy farm, 47 tie stalls with 24 free stalls 800 gallon tank, barn cleaner pipeline milker, 20x60 concrete silo with unloader, good house with kitchen dining room 2 living rooms 3 bedrooms and bath $110 000
- 126 Acre farm 70 T 45 pasture balance wood land Land only Near above farm $65 000

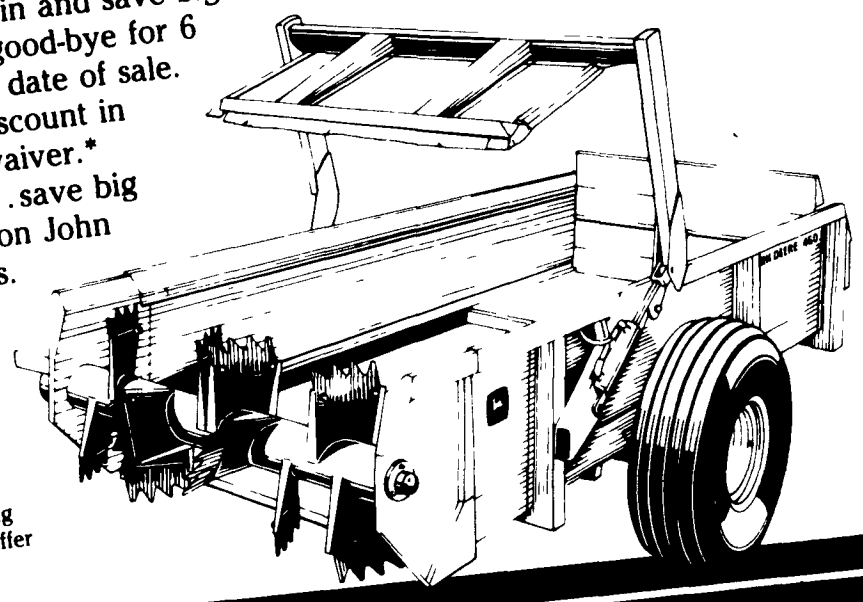
SCHUYLKILL COUNTY

- 234 acre woodland tract, joins state gamelands, borders Rt 81 & secondary road, Pine Grove area, good hunting area call for details, $175,000

JOHN DEERE SPREADERS

SAVE BIG and then some

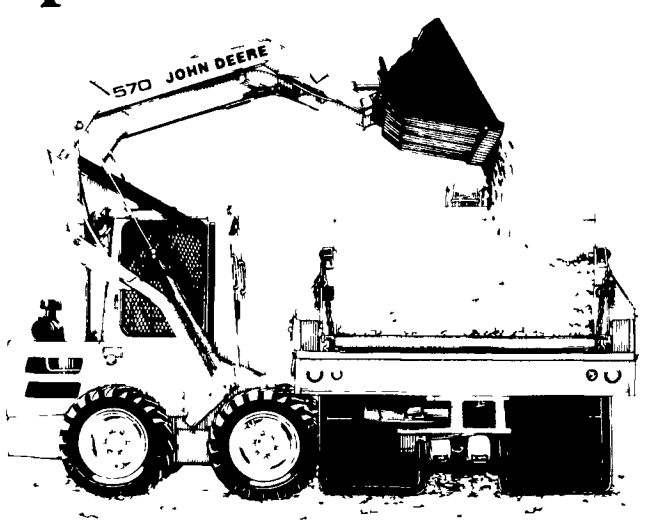
John Deere has made us a deal that will save you a bunch. Big pass-along savings on all models of John Deere spreaders available to you right now. Come in and save big and then **save more** by waving finance charges good-bye for 6 months from the date of sale. OR take a big discount in lieu of finance waiver.* Stop by today . . . save big and then some on John Deere spreaders.



JOHN DEERE

*Availability of John Deere financing subject to approval of credit This offer may be withdrawn at any time

Vertical Path Boom. A leap ahead in loader logic.



New John Deere skid-steer loaders give you up to 30% more reach

Boom arch is eliminated! John Deere's Vertical Path boom lifts loads up and out. So you've got up to 30% more forward reach than most other skid-steers for good truck loading ability.

These new John Deere skid-steers also have 30% more lift per pound of weight than conventional units, thanks to high strength steel and uniframe construction.

And they run the ground well. A low center of gravity, low profile and long wheelbase provide the stability for better rough-terrain performance and faster travel. Hydrostatic drive allows precise speed control. Shorter overall length and narrower width make for superior maneuverability. Two-lever steering and foot controls increase operator efficiency.

31-hp gas or 33- and 44-hp diesel models. See them work.

Nothing Runs Like a Deere®

ADAMSTOWN EQUIPMENT INC.
Mohnton R D 2, PA
(near Adamstown)
215-484-4391

BARRETT EQUIPMENT
Smicksburg, PA
814-257-8881

BARTRON SUPPLY, INC.
Tunkhannock, PA
717-836-4011
Eves. 717-836-4302

CLUGSTON FARM EQUIPMENT
Needmore, PA
717/573-2250

CLUGSTON IMPLEMENT, INC.
Chambersburg, PA
717-263-4103

ENFIELD EQUIPMENT INC.
Whiteford, MD
301-452-5252

EVERGREEN ENGINES CO.
32 Evergreen Road
Lebanon, PA 17042
717-273-2662

EVERGREEN TRACTOR CO., INC.
Lebanon, PA
717-272-4641

FOSTER EQUIPMENT SALES
Elmer, NJ
609-769-1535

H.R. GUTSHALL & SONS, INC.
Carlisle, PA
717-249-2313

A.B.C. GROFF, INC.
New Holland, PA
717-354-4191

ROBERT G. HAMPTON, INC.
Shiloh, NJ
609-451-9520

I.G. SALES
Silverdale, PA
215-257-5136

KERMIT K. KISTLER INC.
Lynnport, PA
215-298-2011

LANDIS BROS. INC.
Lancaster, PA
717-291-1046

LEHIGH AG EQUIPMENT
Wescosville, PA
215-398-2553

ROBERT E. LITTLE INC.
Zieglerville, PA
215-287-9643

LOST CREEK IMPLEMENT
Oakland Mills, PA 17076
717-463-2161

MAKAREVICH BROS., INC.
Hackettstown, NJ
201-852-4488

OXFORD GREENLINE
Oxford, PA
215-932-2753
215-932-2754

PIKEVILLE EQUIPMENT INC.
Oyster Dale Road
Oley RD2, PA
215-987-6277

GEORGE V. SEIPLE & SON
Easton, PA
215-258-7146

SMITH'S IMPLEMENTS, INC.
Mercersburg, PA
717-328-2244

SOLLENBERGER EQUIPMENT
Everett, PA
814-652-5223

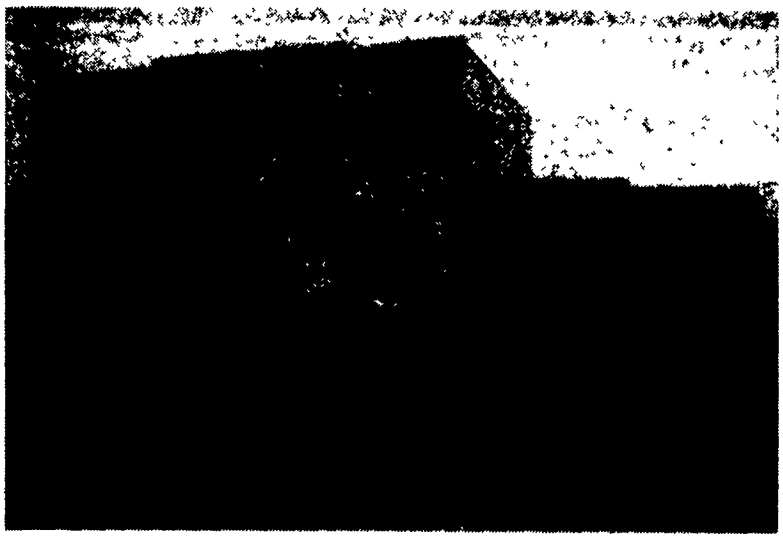
TOBIAS EQUIPMENT CO., INC.
Halifax, PA
717-362-3132

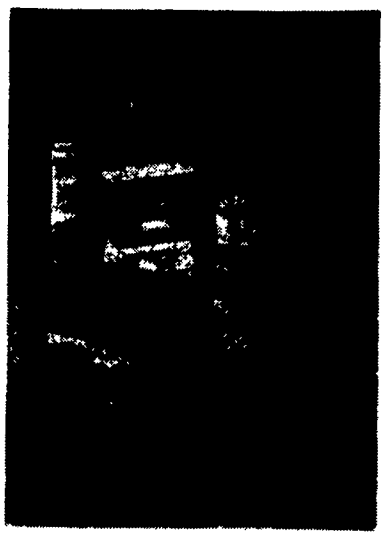
M.S. YEARSLEY & SONS
West Chester, PA
215-696-2990

The Long Green Line™

JOHN DEERE

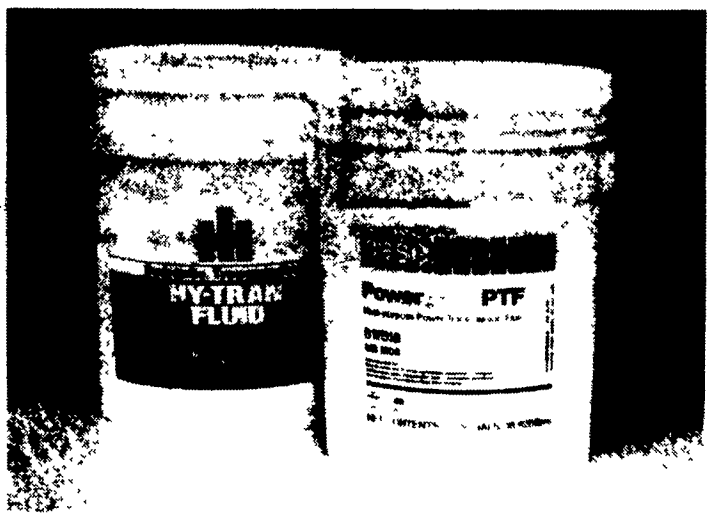
Nothing runs like a Deere™





WE HAVE THE IDEAL LUBRICANTS FOR ALL YOUR EQUIPMENT

Our Transmission Fluids Are In A Class By Themselves



CHECKLIST YOUR SUPPLY OF THESE ITEMS PLUS ANY PARTS YOU MAY NEED TO SAVE UNDER OUR

DISCOUNT SAVINGS PROGRAM

- ☐ Hundreds of combine parts
- ☐ Anti-Freeze
- ☐ Air, oil, fuel, hydraulic filters for Case, International and other model tractors
- ☐ Paint in gals., quarts, and spray cans
- ☐ Seat covers
- ☐ Grease cartridges
- ☐ Cutting edges for many different widths & types of buckets discount good on cutting edges even if our shop installs them
- ☐ Ether
- ☐ Gasket sealer
- ☐ Hoses, belts, thermostats
- ☐ Hitch pins & clevis
- ☐ Curved chisel plow shovels
- ☐ Moldboard plow parts
- ☐ Glencoe soil saver points & shovels
- ☐ Disk harrow blades
- ☐ Hydraulic cylinders
- ☐ Head and work lights
- ☐ Engine block heaters for tractor
- ☐ SMV emblems
- ☐ Water pumps, tune-up parts
- ☐ Loctite products
- ☐ And many more!

NOTICE: **The Least You'll Save On Our Entire Parts Inventory, And On Paid Orders Of Parts Not Stocked, Is 15% And Some Items Will Be Up To 40% OFF Our Regular Prices!**

Remember... If The Part You Need Is Not In Stock We Will Order Under Our Bi-Weekly Program & You Will Still Receive Discounts For Orders Paid When Ordering. This Includes All • CASE • INTERNATIONAL HARVESTER • CASE IH • RHINO • BETTER BILT • And All Our Short Line Parts.

...ners & Contractors, Order Your Needs While The Savings Are Big!

BINKLEY & HURST BROS. INC.

133 Rothsville Station Rd. Lititz, PA 17543
(717) 626-4705

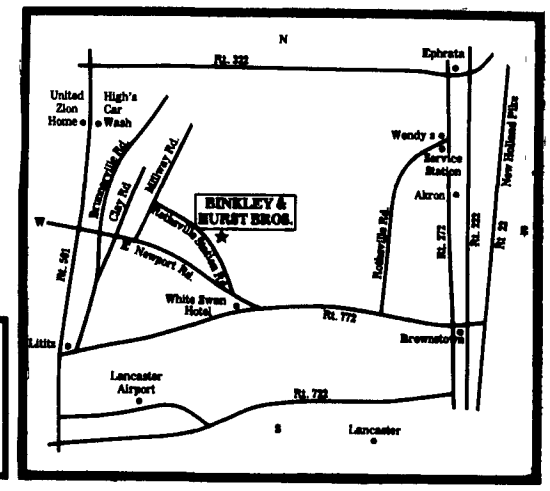
Invites You To Our Annual

DISCOUNT CASH & CARRY DAYS

December 8 through 31, 1986

case ih

SPECIAL DISCOUNT DAYS HOURS:
Mon.-Wed. 7 AM-5 PM; Thurs. & Fri. 7 AM-8 PM;
Sat. 7 AM-3 PM
Dec. 24th - 7 AM-3 PM



FREE REFRESHMENTS
Dec. 8th thru
Dec. 24th

Dear Friends,

At the close of this, another successful year, we extend this cordial invitation to attend our ANNUAL YEAR-END DISCOUNT SALE DAYS, and to see our newly remodeled facilities. TAKE ONE HOUR to read carefully through this listing of our Super Savings.

The Prices Are Right! The Refreshments Are Free!

WE APPRECIATE YOUR BUSINESS
All Items Subject To Prior Sale

GIFT HEADQUARTERS FOR 100's OF FARM TOYS AT DISCOUNT PRICES

See Listing Inside

FREE **Box Of CHIPS**

For All Customers Who Spend $100 Or More In Parts Or Machinery

Don't Forget To Ask For Your
FREE 1987 CALENDAR
(Supply Limited)

PARTS DEPARTMENT

First 100 Customers Who Spend $55 Or More Recieve Your Choice Of

A CASE IH WRIST WATCH

Or

A Pair Of HANDY ANDY LONG-WEARING GLOVES

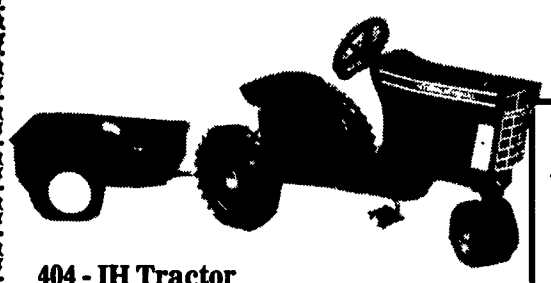
Not Responsible For Typographical Errors

In Time For Christmas!

YEAR-END

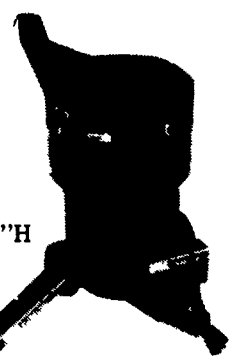
TOY SPECIALS

Toys For The Children, Your Future Farmers
Toys For The Collector

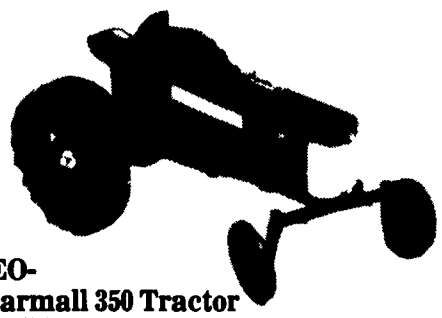


404 - IH Tractor
Die cast rust resistant aluminum body • Steel axles • Treated rubber tires • Front wheel steering • Pedal powered with safety covered chain • 3 position seat • Hitch on back • Ages 3 and up 37x19.5x23.75

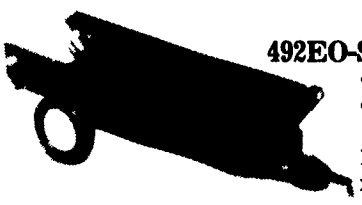
601 DO - Case IH FWDA Tractor
1/16 scale die cast metal replica • Front wheel drive assist • Front vinyl tires and rubber rear tires • Rear hitch • Steerable front end • Authentic cab interior 11x7x8



453 EO- New Mixer Mill
• 1/16 Scale
• Size: 10"Lx6"Wx7"H



418 EO- IH Farmall 350 Tractor
New addition to the antique tractor line •1/16 scale die cast replica • Wide steerable front end • Rubber rear tires • Die cast fenders • Rear hitch • Authentic Farmall 350 decals



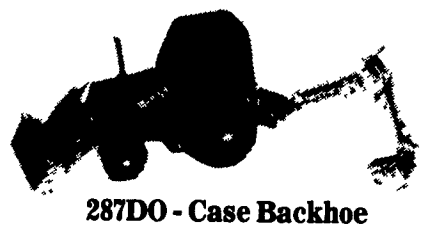
492EO-Spreader
• 1/16 Scale
• Size: 13"Lx 15 3/8"W x3" H

479EO- Barge Wagon
• 1/16 Scale • Size 12"Lx4¾"Wx 3¾"H

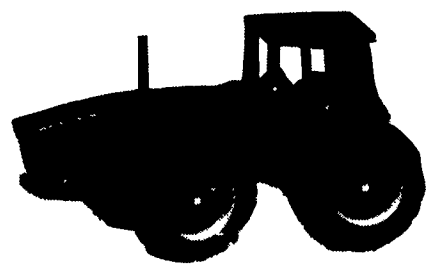
STOCK NO.	DESCRIPTION	DISCOUNT SALE PRICE
206DO	1/16 Case IH 4994 Tractor	$23.95
266DO	1/16 Case 3294 Tractor	$22.45
267DO	1/16 Case 2594 Tractor	$22.45
289EO	1/16 Case 600 Tractor	$10.95
409DO	1/16 IH 5488 Tractor	$22.45
414EO	1/16 Farmall H Tractor	$10.95
415EO	1/16 Rowcrop Tractor	$ 5.75
418EO	1/16 Farmall 350 Tractor	$10.25
463DO	1/16 IH 1586 Tractor	$12.50
464DO	1/16 2+2 Tractor	$22.35
468DO	1/16 IH 5088 Tractor	$20.49
487DO	1/16 IH 5288 Tractor	$21.50
600DO	1/16 Case IH 2594 Tractor	$22.45
601DO	1/16 Case IH 3294 Tractor	$22.45
** 209EO	1/16 Forage Harvester	$ 9.50
350EO	1/16 Gravity Feed Wagon	$ 9.75
439EO	1/16 Bale Throw Wagon	$ 8.25
442EO	1/16 Forage Wagon	$ 9.50
446EO	1/16 Hay Rake	$ 8.49
453EO	1/16 Case IH Mixer Mill	$10.25
479EO	1/16 Barge Wagon	$ 5.25
492EO	1/16 Spreader	$ 5.40
1217	1/16 Disc	$ 7.95
498DO	1/16 Tillage Plow	$10.25
454EO	1/16 Case IH Baler	$ 9.95
** 200DO	1/32 Battery 4-WD Tractor	$ 9.85
222EO	1/32 Case IH 4894 Tractor	$ 9.85
261EO	1/32 Case 2294 Tractor	$ 7.95
443DO	1/32 Case IH Combine	$20.75
* 263AO	Case Riding Tractor	$91.40
* 451AO	IH Riding Trailer	$19.10
* 404AO	IH Riding Tractor	$91.40
* 403A0	Plastice Ride-On Tractor	$15.25
202FO	1/64 580E Loader Backhoe	$ 3.75
287DO	1/16 580E Loader Backhoe	$22.95
** 201FO	Mini Forage Harvester	$ 1.70
204FO	Mini 2594 Tractor w/Duals	$ 1.90
205FO	Mini 3294 Tractor w/FWA	$ 1.90
212FO	Mini Tractor w/Loader	$ 2.60
224FO	Mini Case 2594 Tractor	$ 1.65
227FO	Mini Case IH 2594 Tractor	$ 1.65
408EO	Mini IH Combine	$ 4.25
478FO	Mini Case IH Planter	$ 1.70
482FO	Mini Case IH Baler	$ 1.70
480FO	Mini Case IH Mixer Mill	$ 1.60
1002FO	Mini Sprayer	$ 1.60
603FO	Mini Hay Wagon	$ 1.60
604FO	Mini Machine Trailer	$ 1.60
1526EO	Mini 2+2 Tractor	$ 3.45
1550FO	Mini Amonia Tank	$ 1.50
1862FO	Mini Disc	$ 1.60
1863FO	Mini Tillage Plow	$ 1.60
1864FO	Mini Gravity Wagon	$ 1.60
1999FO	Mini Forage Wagon	$ 1.60
2510EO	1/43 Case 500	$ 3.75
2513EO	1/43 Farmall 300 Tractor	$ 3.75
4091EO	IH Pow-R-Pull	$ 2.65
474EO	Hauling Set w/224 & 1797	$ 8.75
483EO	1/64 Parts Semi	$ 6.40
484EO	1/25 Parts Semi	$12.10
485DO	1/16 Steel Pick-Up	$10.75
1263EO	Equipment Hauling Set	$ 8.95
433DO	New Mini 6 pc. Set	$ 9.45
467DO	1/16 7488 Tractor (Lmtd. Qty)	$24.95
216EO	Case Bank	$ 9.25
* 406AO	Plastic Riding Tractor	$44.95

* Unassembled
** On Order From Supplier

Prices Effective Till December 31, 1986



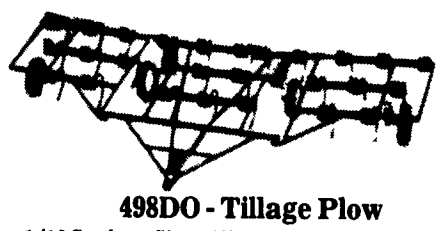
287DO - Case Backhoe Loader Tractor
• 1/16 Scale



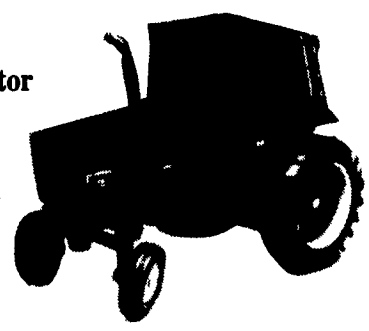
464DO - 2+2 Tractor
• 1/16 Scale • Size: 14"Lx6½"Wx8"H

442 EO- Forage Wagon
• 1/16 Scale
• Weight: 1 lb. 10 oz.
• Size: 11¾"Lx5 1/8"Wx7 7/8"H

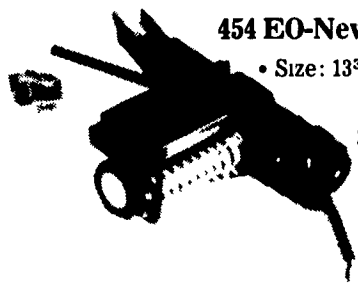
267DO- 2594 Tractor
• 1/16 Scale
• Size: 11"Lx 6½"Wx 7¾"H



498DO - Tillage Plow
• 1/16 Scale • Size 19"Lx11½"W x 2 7/8"H
• Weight: 2 lbs. 1 oz.



468D0 - 5088 Tractor
• 1/16 Scale
• Size: 11"Lx 6 7/16" Wx 8¼" H



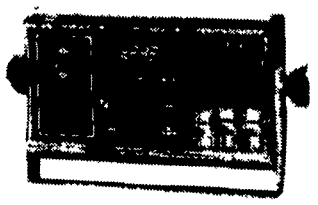
454 EO-New Hay Baler
• Size: 13¾"Lx5 7/8"Wx 3" H
• 1/16 Scale
• Weight: 1 lb. 2 oz.

YEAR-END SPECIALS ON STATE-OF-THE-ART DIGITAL MONITORS

Eliminates Guesswork From your Crop Farming Operation

Complete Sprayer Control at an Affordable Price!

- Automatically Controls Flow
- Compensates for Vehicle Speed
- Monitors Spray Rate (GPA)
- Measures Volume Rate (GPM)
- Measures Gallons Applied
- Measures Speed
- Measured Area Covered (Acres)
- Manual Overide for Spot Spraying
- Pressure Gauge on Console
- Individual Boom Control Switches
- Easy Installation
- Easy Calibration



Reg...$895 **DISCOUNT SALE PRICE.....$760.75**

FLOW-TRAK MONITOR

Accurate monitoring of chemical application can significantly reduce chemical costs and insure better, more consistent results from your weed control program. The Flow-Trak Sprayer Monitor combines precise measurement with ease-of-operation. With the touch of a button you are provided with a direct readout of ground speed, distance traveled, area worked, application rate and the total amount of liquid chemicals or fertilizer applied.

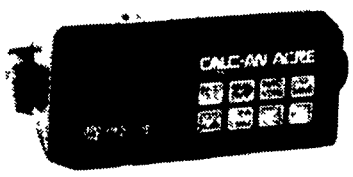
Reg. $495
DISCOUNT SALE PRICE $420.75

REAP THE BENEFITS

Yield Trak Monitors four basic functions: ground speed, acres harvested, bushels per acre and total bushels harvested. The bushels per acre function is divided into two counters with independent resets, so you can pinpoint yields with each tank-full or measure an entire field.

List $349
DISCOUNT SALE PRICE $296.95

CALC-AN-ACRE COUNTER

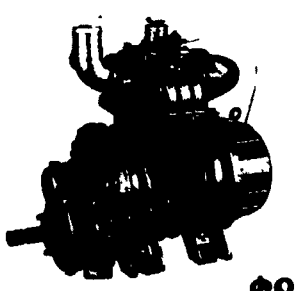


Calc-An-Acre is a state of the art acre counter that accurately calculates and displays acreage with the touch of a button. It incorporates a dual counting system that makes it possible to reset and record individual fields while maintaining a running total of area worked. CALC-AN-ACRE is also a digital speedometer that provides true ground speed.

Reg. $189.95
DISCOUNT SALE PRICE $161.45

VACUUM PUMPS

190 CFM
For Your Liquid Manure Handling Spreaders

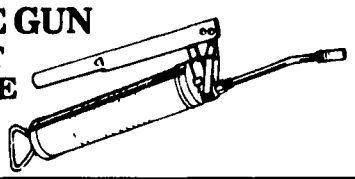


~~$975~~
DISCOUNT SALE PRICE $849

3"x8" HYDRAULIC CYLINDER
• 3" Tie Rod • 1¼" Shaft
DISCOUNT SALE PRICE $48.95

GREASE GUN

DISCOUNT SALE PRICE **$7.35**

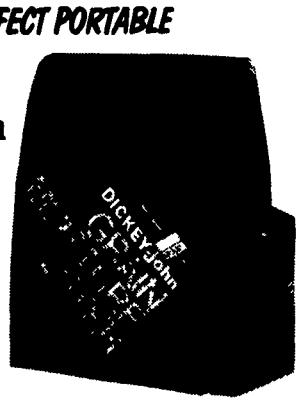


DIGITAL CASE IH LOGO WATCH

$2.95

THE PERFECT PORTABLE

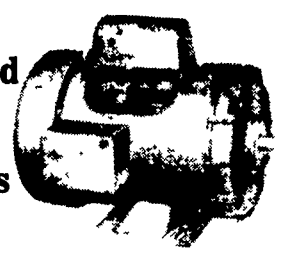
DICKEY-john GRAIN MOISTURE TESTER



We started with the best grain moisture tester on the farm. Then we refined the electronics inside to make it even more reliable. Outside, we designed a rugged new case — with a built-in protective cover — that's more convenient than ever: easier to use, easier to carry.

DISCOUNT SALE PRICE..$179.95

"DAYTON" Totally Enclosed Fan Cooled Farm Duty Electric Motors



	List	SALE
½ HP	$104.05	$85.60
¾ HP	$127.66	$101.61
1 HP	$139.48	$109.26
1½ HP	$172.57	$144.45
2 HP	$234.59	$183.32
3 HP	$318.06	$199.95
5 HP	$432.45	$275.42
7 HP		$395.00

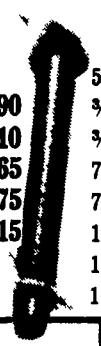
UPS Shipping Available

PERMANENT ANTIFREEZE

- 1-3 Gal. .....$3.85 Ea.
- 4-5 Gal. .....$3.65 Ea.
- 6 or More Gal. .....$3.50 Ea.

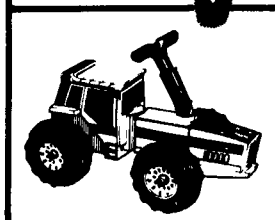
REGULAR HITCH PIN SPECIALS

5/8x4	$
3/4x4	$1.90
3/4x6	$2.10
7/8x4	$2.65
7/8x6	$3.75
1x6	$4.15



BIG ORANGE HITCH PIN SPECIALS

		List
5/8x3¾	$2.50	$3.90
¾x4	$2.76	$4.25
¾x6	$3.15	$4.65
7/8x4	$3.48	$4.90
7/8x6	$4.50	$6.50
1x6	$5.25	$7.50
1 1/8x7	$6.90	$10.15
1¼x7	$8.25	$10.95



RIDE-ON TRACTOR
This sturdy, steerable tractor will provide hours of fun for your farmer-to-be. For kids up to three years old. Cab roof opens for storage of smaller toys

SALE **$15.25**

Antiseptic Hand Cleaner
Removes grease, cement, paint, ink, and all soils, but is extra kind to the skin.

One Lb. Reg. $1.94
DISCOUNT PRICE... **$1.75**
YOU SAVE 10%

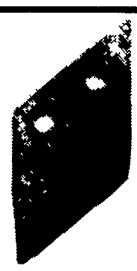
4½ Lbs. Reg. $7.83
DISCOUNT PRICE... **$7.05**
YOU SAVE 10%

PARTS DEPARTMENT SPECIALS

1 Piece SOIL SAVER SHOVEL
4"x½"
Reg. Price.....~~$11.95~~
DISCOUNT SALE PRICE.... **$9.95**

TWISTED CHISEL SHOVELS
3"x½"x22"
Reg. Price .....~~$9.25~~
DISCOUNT SALE PRICE.... **$7.25**

Ask Us About Our Additional QUANTITY DISCOUNT On Chisel Plow Shovels



The All New CHROME ALLOY SOIL SAVER® POINTS
SPECIAL **$9.85**

SILT TILL SHOVEL
2"x1"x18"
Heavy Duty
SPECIAL **$9.45**

SLICER CHISEL DISK BLADES.....ONLY $19.95

7/16" LYNCH PIN
DISCOUNT SALE PRICE **5 For 89¢** **12 For $1.78**

MEN'S 2 PIECE RAIN SUIT

- Small, Med., Large
  DISCOUNT SALE PRICE **$12.99**
- Extra Large
  DISCOUNT SALE PRICE **$13.99**

TRACTOR TOOL BOX

DISCOUNT SALE PRICE
$10.20

Try The Comfort Of This HYDRAULIC SUSPENSION SEAT

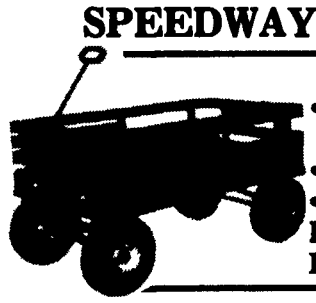
Two Only
List $893.80
SALE PRICE
$475 Ea.

CHORE GLOVES

Warm & Long Wearing Cotton Flannel Glove. Snug Fitting Knit Wrist. No. 429
3 For $4.20

YOUR FARM TOY CENTER

RIDE AWAY ON A QUALITY SPEEDWAY EXPRESS WAGON

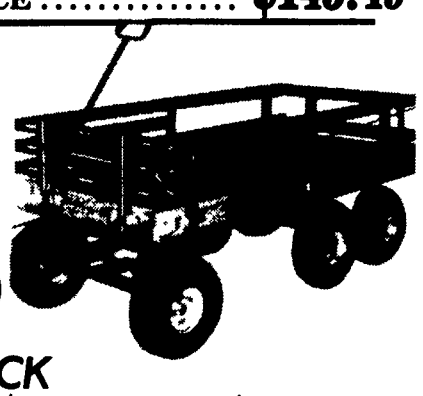


SERIES 500 w/RACK
- 5/8" Ball Bearings with 10"x 410/350 Wheels
- Bed Size 22x40
- Load Cap. 1000 lbs.

DISCOUNT SALE PRICE **$145.49**

SERIES 560 TANDEM w/RACK
- 5/8" Ball Bearings With 10"x410/350 Wheels
- Bed Size 22x48
- Load Cap. 1000 Lbs.

DISCOUNT SALE PRICE..... **$230**



FIVE SIZES IN STOCK FROM $51.00 TO $230.00

Remember...We Offer A Service You Won't Want To Forget About, Especially During Your Busy Seasons!

Shorthanded And In Need Of Parts?

WE DELIVER!

If your equipment is disabled and you need parts, call for emergency delivery!

(717) 626-4705

If you're within 150 miles of our dealership, we guarantee PROMPT delivery of any parts from our inventory. (5 hrs. or less)

A very minimal fee will be charged to provide this emergency service. C.O.D. unless approved credit.

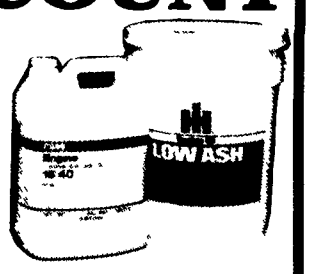
We continue to provide FREE non-emergency parts courier service.

Also, contact our parts department for considerable discounts on non-emergency parts orders.

"DAILY UPS & FEDERAL EXPRESS PARTS SHIPMENTS"

NOW case IH Is The Time To Stock Up On CASE & INTERNATIONAL Brands Motor, Hydraulic And Transmission Oils At BIG SAVINGS

Up To 30% DISCOUNT



DISCOUNT PRICES On Discount Days Only

WHY SHOULD I BUY CASE & INTERNATIONAL OIL?

- They are the only Case & IH approved lubricant.
- They are designed specifically for use in Case & IH equipment.
- They are formulated to do the job required.
- They have been subjected to extensive lab & field testing.
- They are specially blended for Case & IH Specifications.
- They are blended with additives components designed to provide specific lubrication qualities.
- They are quality products.

CASE BRAND OILS

Description	Container Size	List Price	DISCOUNTED SALE PRICE
MOTOR OIL *Closeout While Supply Lasts*	Quart	$ 1.40	$ .98
	2½ Gal.	$ 14.00	$ 9.52
	5 Gal.	$ 27.50	$ 18.95
	55 Gal.	$278.60	$189.49
MULTI-GRADE	Quart		
	2½ Gal.	$ 14.38	$ 10.92
	55 Gal. (15W40 Only)	$287.50	$207.00
CASE PTF	2½ Gal.	$ 13.00	$ 10.40
	5 Gal.	$ 27.33	$ 20.75
	55 Gal.	$278.29	$199.57
CASE TCH OIL	2½ Gal.	$ 11.76	$ 9.41
	5 Gal.	$ 25.18	$ 20.14
	55 Gal.	$254.78	$183.50

INTERNATIONAL BRAND OILS

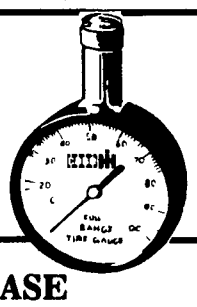
Description	Container Size	List Price	DISCOUNTED SALE PRICE
HEAVY DUTY ENGINE OIL	Quart	$ 1.48	$ 1.12
	5 Quart	$ 7.96	$ 6.36
	5 Gal.	$ 28.20	$ 21.43
	55 Gal.	$282.80	$202.28
LOW ASH OIL	Quart 30W	$ 1.59	$ 1.21
	5 Quart	$ 8.53	$ 6.82
	5 Gal.	$ 28.36	$ 22.65
	55 Gal.	$305.52	$218.05
HY TRAN. HYD. OIL	5 Quart	$ 7.78	$ 6.23
	5 Gal.	$ 27.33	$ 20.75
	55 Gal.	$278.30	$199.57
85W140 GEAR OIL	5 Quart	$ 8.24	$ 6.59
	5 Gal.	$ 29.48	$ 23.59
	55 Gal.	$299.62	$214.04

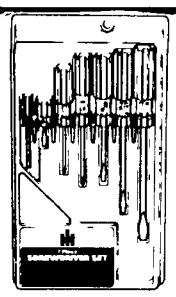
TIRE GAUGE

The perfect stocking stuffer. Easy-to-read dial from zero to 100 psi. Brass gear movement for accurage reading with air or solution. Sturdy construction; unbreakable crystal. (407388R1)

Regular $6.66

SPECIAL $4.95 YOU SAVE 26%





7-PIECE SCREW DRIVER SET

The perfect assortment for Dad's everyday tasks.

Regular Price $14.99

DISC. SALE PRICE $12.99

YOU SAVE $2.00

SAVE ON CASE SEATS & CUSHIONS

Replace Worn Cushions Now!

Fight Fatigue! Increase Your Working Efficiency AND Production. Enjoy The Comfort Of Case Quality Cushions And Seats. You'll Enjoy Our Outstanding Savings, Too

Example: CASE UNILOADER SEAT ASSEMBLY

$96.61 LESS 15%

BINKLEY & HURST BROS. INC.

SALES PARTS SERVICE

133 Rothsville Station Rd.
Lititz, PA 17543
Located ½ Mile North of Rothsville
(717) 626-4705
Hours Mon-Fri 7 AM - 5 PM.
Sat 7 AM - 11 30 AM
Sun Closed - Lord's Day

PRICE-BUSTER SPECIALS ON QUALITY CASE IH EARTH METAL TILLAGE PARTS

Check This List For Your Needs Or Call And We Will Assist You... We Have Blades For ALL Popular Disc Harrows

CASE IH - AMCO - ATHENS - BUSH HOG - DEERE
KRAUSE - RHINO - TAYLORWAY - AND MORE

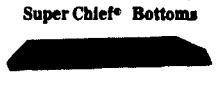
BLADES

ITEM NO.	BLADE DIA.	HOLE SIZE	THICKNESS	KIND	REG. LIST	DISCOUNT SALE PRICE
996809R1	20"	1.25 round 1.5 round	4.5 mm/7 ga.	Smooth	$22.34	$14.15
30922R1	20"	1 11/16 Sq. 1 19/16 Sq	.177 ga.	Smooth	$22.34	$14.15
644010R5	22"	1 1/8 sq. 1.25 sq.	5mm/6 ga.	Smooth	$29.07	$20.36
960968R4	22"	1.5 round 1.25 sq.	5 mm/6 ga.	Smooth	$29.07	$20.36
956702R4	24"	1.25 sq. 1.5 round	5mm/6 ga.	Smooth	$35.00	$22.18
998865R2	24"	1.5 sq. 1.75 round	6.5mm/¼"	Smooth	$44.27	$29.05
1132171R1	22"	1.25 sq. 1.5 round	6.5mm/¼"	Smooth	$39.10	$25.02

SAVE ON TOUGH, LONG-LASTING PLOW SHARES AND GET...

High carbon, uniformly heat treated Case International plow shares assure you efficient, dependable performance. And, just like Case International disk blades, they also promise you longer wear because they have substantilly more metal in the tips. The old, old quality story of more for your money.

FLAT SHARES FOR Super Chief® Bottoms



	List	SALE
• 14" Reg 463240R2	$11.10	$8.99
• 16" Reg 463241R2	$12 51	$7.88

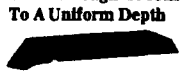
SHINS

• 132001C1	$11 60	$7.50

MOLDBOARDS

• 96000C1	$54.31

DEEP SUCK SHARES Plow The Toughest Soils To A Uniform Depth



	List	SALE
• 16" H.D Left. 464582R1.	$15.21	$9.58
• 16" Deep Suck . 463253R1	$15 21.	$9.58

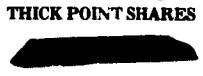
COULTERS

• 17"	$25.31	$14.50
• 20"	$34 76.	$29.75

WEAR PAD

• 59058C1	$7 79	$6.50

UPSET HEAVY DUTY THICK POINT SHARES

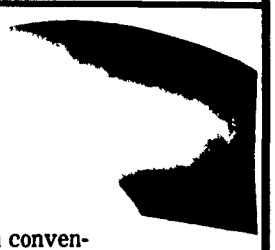


	List	SALE
• 14" H D 463236R1	$15 14.	$9.54
• 16" H.D . 463237R1.	$15 21.	$9.58
• 18" H D 463238R1	$16.62.	$10.47

LAND SLIDES

• 59057C1	$14.35.	$10.39

LONGER WEAR... That's the promise fulfilled with Earth Metal® Moldboards



Earth Metal - the same outstanding material used in Case International disk blades - is used in Case International moldboards and shins, making them tougher, stronger, and longer-lasting.

Greater strength. Our solid steel bottoms are stronger than those made with conventional steel. Lab and field tests show that these bottoms perform better against stumps and rocks and during punishing high-speed plowing.

Longer Life. Conventional bottoms have moldboards and shins made of material with hard outside layers and a soft middle layer. Case International bottoms are hard all the way through and have greater resistance to breakage than the "sandwich" types.

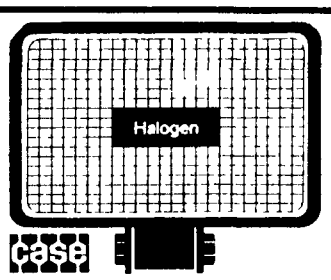
List $76.95 DISCOUNT SALE PRICE $54.31

SHOP NO FURTHER

We Have Premium Quality EARTH METAL TILLAGE Parts At BARGAIN DISCOUNT PRICES

Can't Afford A New Disc? Re-blade Yours At A Fraction Of The New Cost

UP TO 35% SAVINGS ON IH EARTH METAL DISC BLADES & PLOW PARTS



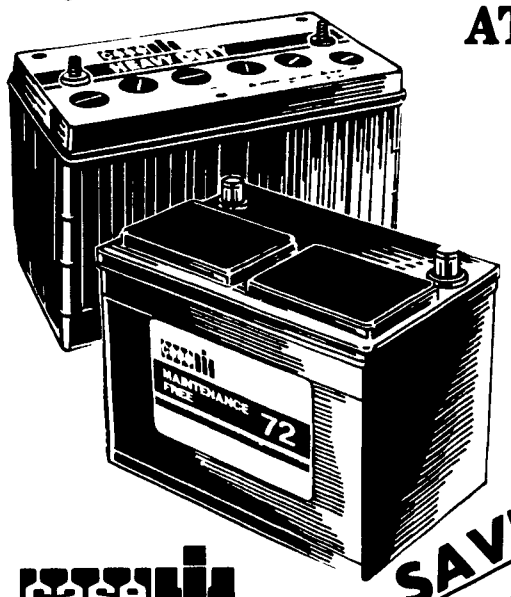
Halogen FLOOD LAMP

Lights Up The Night...

$19.06 Less 15%

- Higher bulb life, 400 hr. avg.
- Higher light output up to 200,000 candlepower
- Extra large 4"x6"
- 12 Volt • 50 Watt
- 80°x30° flood • Spot
- Adjustable • Illuminates 60 ft wide implements
- Specially designed for "rugged" off road application

QUALITY CASE IH BONE DRY BATTERIES AT POWERFUL SAVINGS



Does Your Battery Have That Run Down Feeling?

Don't Wait For Your Battery To Leave You Stranded.

POWER UP NOW WITH QUALITY CASE IH BATTERIES.

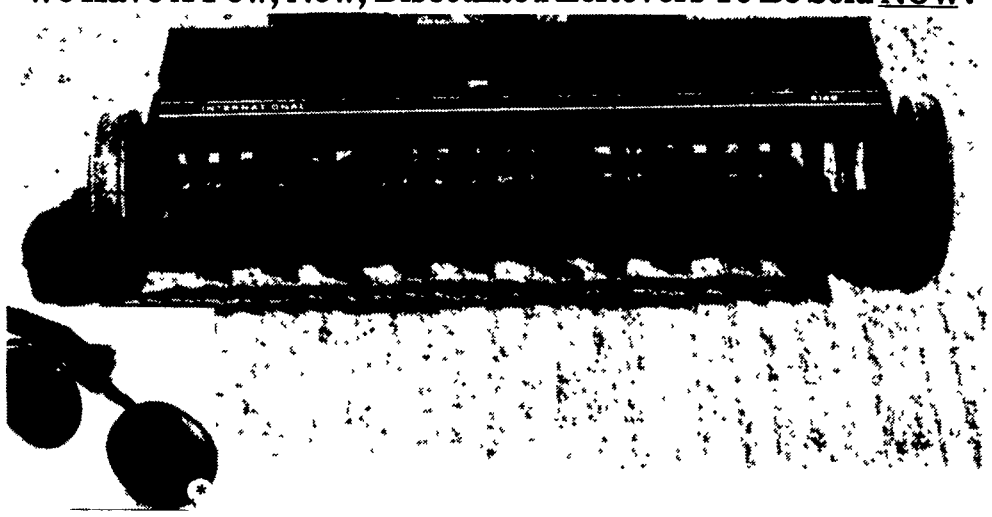
SAVE UP TO 25% With Trade-in Battery
20% Without Trade-in Battery

WHY NOT BUY YOUR NEXT NEW TRACTOR FROM BINKLEY & HURST BROS., INC. NOW!

See Us For The Full Line Of CASE IH Machinery...NOTICE - Some Prices May Vary Depending On Company Discounts For The Month Of December, So Stop In Now And Make Your Deal!

Count On Case IH Grain Drills For Maximum Accuracy

We Have A Few, New, Discounted Leftovers To Be Sold NOW!



* Depth press wheels control seeding depth of individual openers while closing furrows and firming soil around seed. You can adjust depth with a T-handle at the top of each wheel. Each press wheel is attached directly to the opener. For use with double disk openers.

MODEL 5100 GRAIN DRILLS

18x7
- Combination Grain & Fertilizer
- Double Disc Openers
- Press Wheels
- Fertilizer Option
- Grass Seed
- Soybean Kit Special

Tag No. NC1060
List...~~$6,063~~
SPECIAL CASH & TOW AWAY PRICE...**$5,890**

20x6
- Double Disc Openers
- Press Wheels
- Fertilizer
- Footboards

Tag No. NC1074
List...~~$7,924~~
SPECIAL CASH & TOW-AWAY PRICE...**$5,790**

24x6 Plain
- Double Disc Openers
- Footboards

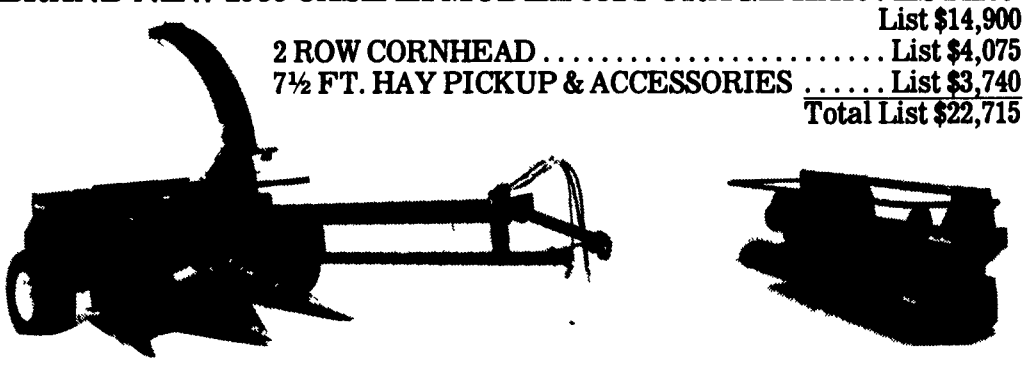
Tag No. NC 1167
List...~~$6,618~~
SPECIAL CASH & TOW-AWAY PRICE...**$3,930**

Only One Each Size Left - Don't Miss Yours!

SAVE BY DEDUCTING 30% OFF

BRAND NEW 1986 CASE IH MODEL 881 FORAGE HARVESTER

List $14,900
2 ROW CORNHEAD ..... List $4,075
7½ FT. HAY PICKUP & ACCESSORIES ..... List $3,740
Total List $22,715



Buy The Base Unit w/Cornhead & 7 Ft. Hay Pickup, Complete At A TOW-AWAY PRICE OF ONLY

$22,715 LESS 30% = $15,900

Make A Down Payment of $4,770 & Pay No Balance Till Sept. 1, 1987 INTEREST FREE Through J.I. Case Credit Crop. w/Credit Approval.

PRICE DISCOUNTED FOR QUICK SALE

NOTICE... **We Have Several Case Model 54L's And One 56L Quick-Attach Loaders In Stock To Fit CASE IH, 1394, 1390, 1294, 1290 Tractors**

These loaders are well built with valves and power-beyond kit.

PRICED TO SELL WHILE THEY LAST!

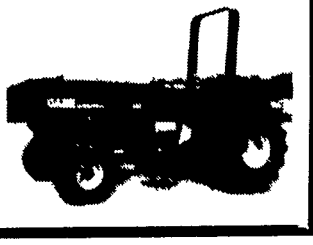
- 54L w/72" Bucket, Tag NC 1097
  CASH & HAUL-AWAY PRICE ONLY **$2,690**
- 56L w/72" Bucket, Tag NC1095
  CASH & HAUL-AWAY PRICE ONLY **$2,873**

Get A $2,000 CASH BACK REBATE

NEW CASE IH 485 DIESEL, 42 H.P.

- Forward/Reverse Shuttle Trans.
- 9.00x10 Front Tires
- 18.4x16 Rear Tires
- Remote Valve
- Undersling Muffler

Low Profile - Great For Orchards



PAY $11,800 + Get $2,000
Check Back From J.I. Case Co.

SAVE BEFORE OFFER EXPIRES DEC. 31, 1986

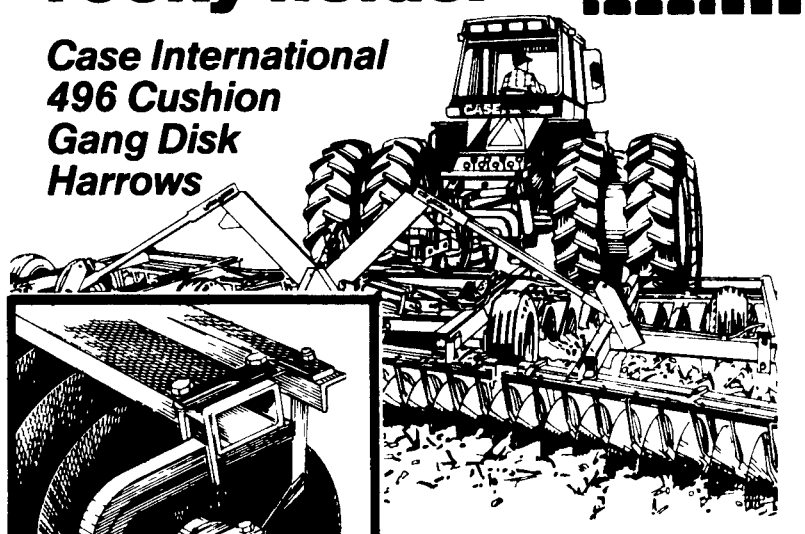
19'11" TRANSPORT WING DISK

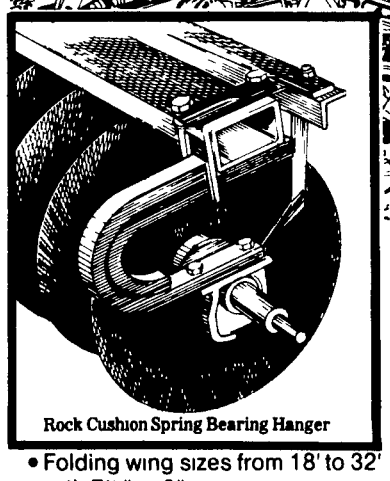
Protects itself in your rocky fields!

In Stock

Case IH

Case International 496 Cushion Gang Disk Harrows





Rock Cushion Spring Bearing Hanger

- Folding wing sizes from 18' to 32' with 7½" or 9" spacing
- Disk blades last up to 20% longer than ordinary blades due to tough Earth Metal steel
- Level disking with synchronized master and slave hydraulic cylinders

You need all the protection you can get for your disk harrow in rock and root infested ground The Case International 496 cushion gang disk harrow may be your answer It soaks up shock loads with exclusive C-shaped double-spring steel bearing standards The gangs flex and float over obstructions This cushioned "give" protects your harrow while providing uniform depth control over your entire field, and across the full width of cut, over the full harrow length

- 19'11" Cut Width w/52 Blades/22" Dia. & Scrapers

List Value Over $13,800

BUY NOW FOR ONLY $9,950
Down Payment Of Only $2,985
Don't Pay Balance, Interest Free, Till Sept. 1, 1987

A Shattered Hardpan Can Give You A More Productive Crop Year

BUY A NEW DEMO AT A DISCOUNT PRICE!

NEW CASE IH 14 SUBSOIL CHISEL
w/5 Shank Auto. Reset, Flotation Tires

Tag No. NC 1279

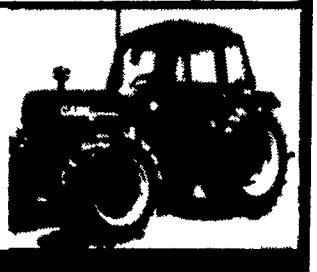
Works behind high horsepower tractors to open soil down to 20" for deep-down penetration of water and air. Parabolic curve shanks lift soil vertically for a wide area of soil fracture. Shank design and V-shape frame combine to deliver easier penetration, reduced draft and less fuel consumption.

List Price Over ~~$6,800~~
YOUR CASH & HAUL DISCOUNT PRICE $4,880

NEW CASE IH MODEL 1394

65 H.P., All Wheel Drive
w/Cab, Air, Heat, Power Shift, 540-1000 PTO

Call For LOW PRICE



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SALES PARTS SERVICE

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Located ½ Mile North of Rothsville
(717) 626-4705
Hours Mon -Fri 7 AM - 5 PM.
Sat 7 AM - 11 30 AM
Sun Closed - Lord's Day

See Us For The Full Line Of CASE IH Machinery

CASE UNILOADERS ARE GREATLY EFFICIENT ALL AROUND THE FARM w/POWER-IN-HAND COMMAND. They Also Have Many Uses For Construction With Backhoe Attachment, Etc.

Case Unloader Skid Steers turn in their own length.

MODEL 1845C
51 H.P.
Why Not Try The All New 1845 C w/Great Serviceability.

MODEL 1816C
16 H.P.
- Narrow Width - Only 35"
- Wide Track Width - 44"
- Bucket Sizes: 36" - 44" - 48"

MODEL 1835B
34 H.P. Diesel
or
32 H.P. Gas

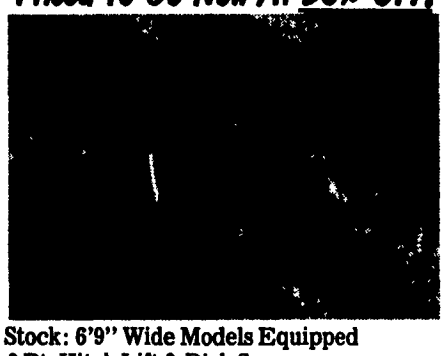
We Are Your Experienced Dealer w/Service & Parts Backup

Stop In & Get A GOOD DEAL Now!

TWO BRAND NEW CASE IH MODEL 122 DISK HARROWS w/ADJ. GANG SETTING

Priced To Go Now At 50% OFF!

For Thorough Disking.
Here's the 3-point hitch IH 122 mounted disk harrow that's ideal for small farming operations. The 122 is built rugged, with heavy tubular steel gang bars, 1 1/8" square spring steel arbor bolts, heavy duty spools and triple sealed ball bearings. It converts from a rigid tandem disk harrow to a flexible tandem.



Tag NC 1055 + NC 1056 In Stock: 6'9" Wide Models Equipped w/18" Notched Blades, 3 Pt. Hitch Lift & Disk Scrapers

List Price Over $1,837

LESS 50% Means You Pay Only $918

Get Your's While They Last!

In Stock...Get A Good Deal Now! CASE IH 1394 SPECIAL

Get extra clearance, extra flotation, top convenience

If you raise vegetables or other specialty crops, you need a tractor with plenty of crop clearance, flotation and maximum pulling power in all soil conditions Which means you need a Case International 4WD Special

The 1394 Special gives you two full feet of crop clearance, plus four large equal-size tires for plenty of flotation It's a true 4WD tractor, with 65 PTO hp* and a 12-speed transmission with a just-right speed for any job

Advanced instrumentation, unexcelled comfort and convenience, 3-point hitch, 540/1000 RPM PTO—they're all part of the standard equipment package

Let us show you how the 1394 Special can be the right tractor for you

NOTE: We build High Clearance Conversion Tractors for special application uses w/Case IH Models: • 1394 • 1494 • 1594 Tractors.

Check w/us... we have the specs & clearance needs you've been waiting for!

60% TOUGHER. LAST 20% LONGER.

Case International Earth Metal disk blades

Super hard and super tough! Exclusive Earth Metal disk blades made from a special steel formula, are much tougher and last much longer than conventional blades

How can this be? Because the uniform internal structure of the steel is virtually non-directional, it s equally tough in all directions It also takes a greater degree of hardening so blades stay sharp longer, rarely split or shatter And the unique crimped-center design of the blades makes them stronger still, and reduces the amount of power needed to pull the harrow as well

Don't settle for ordinary blades that require frequent replacement See us for genuine Case International Earth Metal blades

Don't forget to see our Parts Dept... We have Earth Metal Blades for replacing or rebuilding any brand of disk harrow you may have.

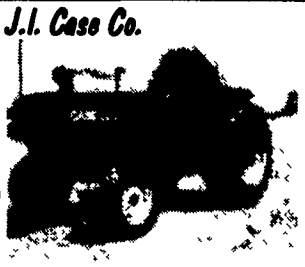
DISCOUNT CASH & CARRY PRICES NOW IN EFFECT...Stop by Soon!

SAVE $2,000 CASH BACK From J.I. Case Co.

A NEW CASE IH MODEL 1394

65 H.P. w/Power Shift, Twin Remotes & A New 54L Quick-Attach Loader, Installed

Tag NC 1309



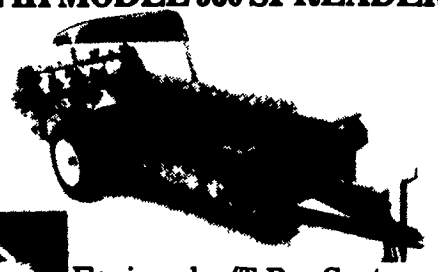
Tag NC 1096

72" Material Bucket & Single Lever Controlled 2 Spool Valve w/Direct Hyd. Power Hookup From Tractor, Leaving Both Remote Valves Free To Use.

BUY COMPLETE - TRACTOR & LOADER READY TO GO FOR... $18,600 And J.I. Case Co. Will Send You A Rebate Of $2,000 If You Buy This Month!

TRY A NEW CASE IH MODEL 560 SPREADER

Bear Claw paddles shred as they spread for unbeatable action. And they're plenty tough to rip through hard-frozen chunks w/ease.



Driven w/Worm Gear Drive

Equipped w/T-Bar Gratz Web

Price Includes Upper Beater (Hyd. Endgate w/Cyl. & Hoses), Splash Guards. Tag NC 1414 & NC 1413

List Price Over....$8,036

DISCOUNT SALE PRICE..... $5,590

w/Waiver till Sept. 1, 1987 (if Nov. programs continue in Dec.)

TRY OUR NEW CASE IH MODEL 3594 TRACTOR

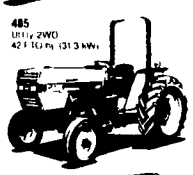
180+ Horses All Wheel Drive Pulling For You

In Stock

24 Speed, Power Shift, Loaded!

DEMONSTRATOR w/BIG DISCOUNT!

You've never seen so much in a tractor until you've seen the new Case IH 85 Series



You'll get more comfort more productivity and versatility features than ever starting with the new air conditioned Case IH cab deluxe 4 way adjustable fabric seat roomy off the deck console controls and unrestricted visibility There's a smooth working 8F 4R synchromesh transmission 16F/8R power shift available for all models Take your choice of row crop low profile utility heavy duty cast and center line MFD axles (row crop axle and MFD for the 585/685/885) Any way you look at it you get more tractor for your money with a new Case IH 85 Series tractor

885
Row Crop 2WD
72 PTO hp (54.6 kW)

685
Row Crop 2WD
62 PTO hp (46.2 kW)

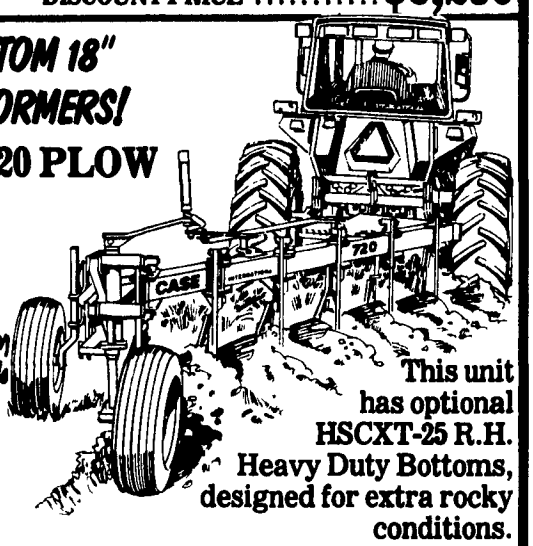
ALL THESE MODELS IN STOCK

Come & get an excellent year-end deal Now at your discount store that sells service as well as good prices!

IN STOCK: 4 BOTTOM 18" HIGH SPEED PERFORMERS!

NEW CASE IH 720 PLOW

You can't beat 'em for high-speed plowing in your toughest conditions. With big 33" vertical clearance & auto. reset beams, the 720 takes heavy trash & hidden obstacles in stride



Tag NC 1417
List Price
$9,342

This unit has optional HSCXT-25 R.H. Heavy Duty Bottoms, designed for extra rocky conditions.

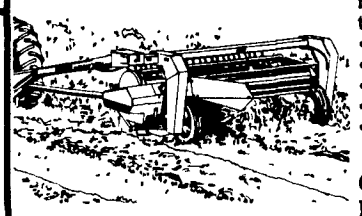
DISCOUNT SALE PRICE ONLY $6,690

FAST-CURE HAYMAKER!

CASE IH 1190 MOWER CONDITIONER

You'll preserve more nutrition when you cut fast, crush and crimp hay the 1190 way. Crop feeds straight in, even on rough ground, since rolls are mounted on the header, not on the frame.

- 9-ft. size
- "Over the top" frame design for unrestricted hay flow
- Long-wearing full length conditioning rolls
- Clear slugs from your tractor seat
- w/Optional 5 Bat Reel



NOTICE: ONE ONLY, MUST MOVE NOW!

CASH & CARRY DISCOUNT PRICE $6,250

CASE IH MODEL 254 ALL WHEEL DRIVE, 24 H.P. DIESEL

6.00x14 Front Tires & 13.6x16 Rear Tires, Synch. Trans., Power Steering, 3 Pt. Hitch, PTO

One Only
Tag NC 1022

$6,390

CASE IH MODEL 274

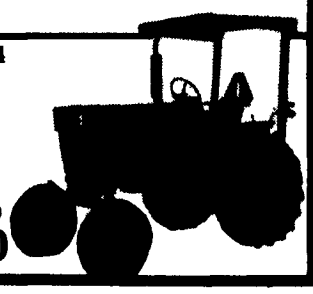
30 H.P. Diesel

Offset design for vegetables, 23" front axle clearance, differential lock, front end wt. frame, 3 pt. hitch, PTO.

Tag NC1050

(Roof not incl) List .$9,300

NOW ONLY..... $6,690



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Located ½ Mile North of Rothsville
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Sat 7 AM - 11 30 AM
Sun Closed - Lord's Day

See Us For The Full Line Of CASE IH Machinery

BRAND NEW CASE 1816 C UNI-LOADER

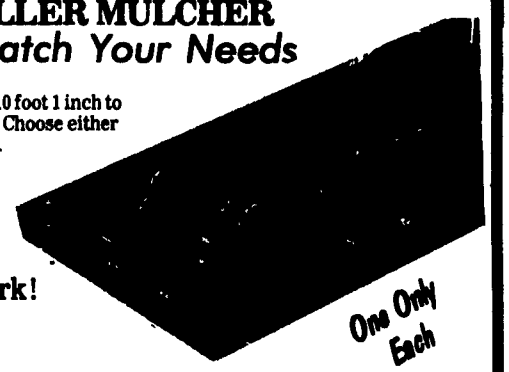
w/44" Bucket
Tag No. NC1498

One Only

CASH & HAUL-AWAY PRICE ONLY.....$5,450

CASE IH 415 ROLLER MULCHER
Versatility To Match Your Needs

Non-fold models are available in 10 foot 1 inch to 15 foot 3 inch (3.08 to 4.65m) sizes. Choose either notched or crowfoot roller wheels.



w/Cylinder & Hoses
For Lift
Set Up & Ready For Work!

One Only Each

Sizes In Stock:

- 10'11" Width, Tag NC 1058
  List Price .....~~$5,455~~
  DISCOUNT SALE PRICE....$4,909
- 12'2" Width, Tag NC 1059
  List Price .....~~$6,303~~
  DISCOUNT SALE PRICE....$5,917

If You Want Versatility, Here It Is!

IH MODEL 254 24 H.P. DIESEL TRACTOR All Wheel Drive w/Excellent Loader Backhoe System You Can Really Enjoy!

NOW IS THE TIME TO MAKE YOUR DEAL!

CASE IH 475 DISK HARROW
w/Spring Cushion Rock Flex Bearing Hangers w/Self-Leveling & Torsion-Type Bolted Angle Frame Construction.

Stock #NC1050

- 12' Cut, 9" Spacing
- 22" Earth Metal Blades
- Scrapers
- Center Tooth

Tag NC 1416/NC 1415

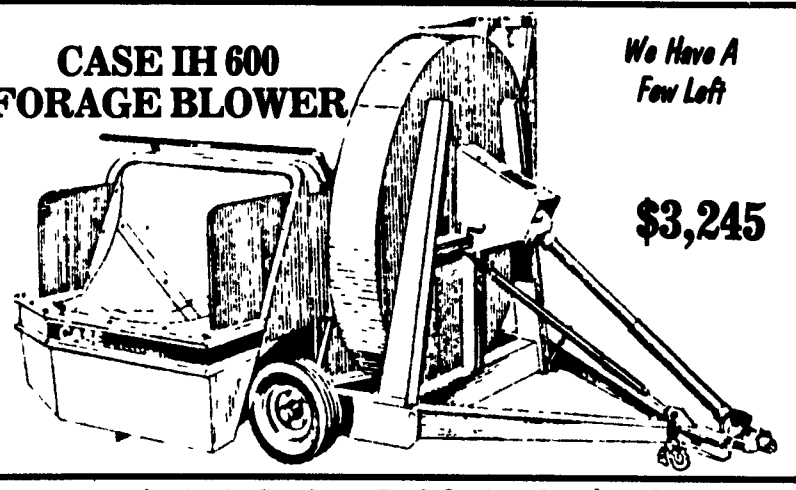
Field Ready

~~$5,195~~
$4,580

Without Center Tooth Kit...ONLY **$4,450**

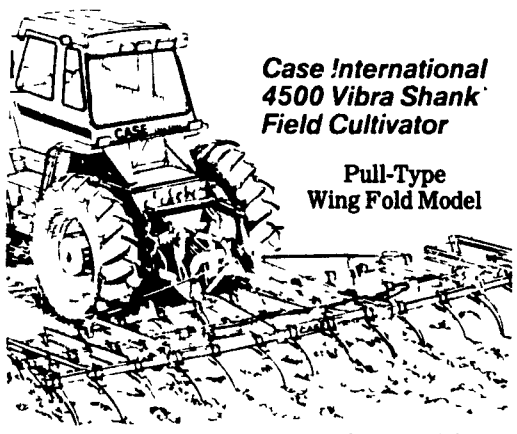
CASE IH 600 FORAGE BLOWER

We Have A Few Left



$3,245

Soil shattering action up to 7 inches deep!



Case International 4500 Vibra Shank Field Cultivator

Pull-Type Wing Fold Model

In Stock... New 17'5" Working Width Model w/35 Shanks on 6" Centers, 2x5/16" Reversible Pencil Point Shovels, New 7.50x14 Tires.

Tag NC 1280 List Over...$4,322

CASH & TOW-AWAY PRICE ONLY.....$2,980

Last One In Stock!

CASE IH 18 HP TRACTOR MODEL 234 HYDRO DIESEL POWER

- All Wheel Drive
- 3 Pt. Hitch
- 540 PTO

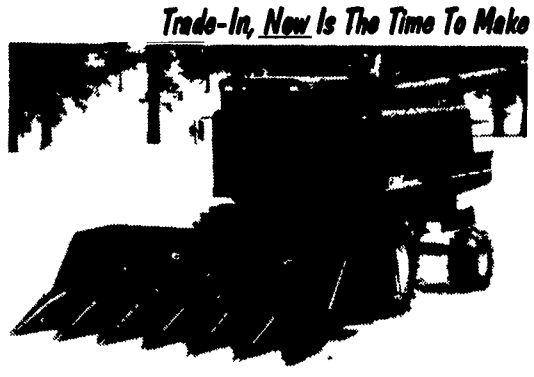
With Muscle Aplenty To Handle A Full Line Of Attachments

CASH & HAUL-AWAY PRICE ..$5,395

Also In Stock:

MODEL 234 2 WHEEL DRIVE
Gear Shift w/20.8x10 & 9.5x18 Turf Tires. Tag NC 1260
List Price Over ~~$7,000~~
CASH & HAUL-AWAY PRICE ..$4,390

If You Are In The Market For A Combine And Have No Trade-In, Now Is The Time To Make A Deal!



AXIAL-FLOW COMBINES

Case International Axial-Flow 1600 Series combines provide important advantages in horsepower, grain savings, crop handling speed and capacities. Advances are also apparent in the cab, controls, monitors, feeders, rotors, vane adjustability, cooling capacities, operator comfort, seating, braking and lighting.

CASE IH MODEL 1640 COMBINE IN STOCK
w/4 Row Narrow Cornhead
CASH BACK REBATE OF $7,500
From J.I. Case Co. On This Model
Other Models Up To $10,000 Rebate...
Stop In For More Information.

Why Not Buy The Baler That Outperforms Them All
NEW CASE IH 435 BALER
w/THROWER & Waiver Till Sept. 1987

Can You Believe This!

CASE IH 435 TWINE BALER

17 tons (15 4 mt) per hour 14 in x 18 in (356 mm x 457 mm) 12 in to 48 in (305 mm x 1219 mm) up to 70 lbs (32 kg) 66 in (1 7 m) Chain drive from plunger crank slip clutch protected Floating auger and 3 packer fingers 270 sq in (1748 sq cm) Enclosed precision type spiral bevel gears w/tapered roller bearings Straddle mounted 75 SPM 3-point suspension w/6 sealed ball bearing rollers Interchangeable, w/tungsten carbide cutting edges Tie bow-type double-diameter cushioned knot N A Nodular iron Heavy center-mounted channel Heavy-duty spindles and tapered roller bearings Left 9 5Lx14in Right 26x12 00x12 in 3003 lbs (1363 kg)

WHEN YOU BUY THIS NEW 435 BALER w/THROWER, YOU'LL MAKE NO MONTHLY PAYMENTS OR PAY NO INTEREST TILL AFTER SEPT. 1, 1987

List Price....$13,500
SELLING PRICE $7,850
Down Payment $2,360

Remember, Balanced Owed Goes On Case Contract w/No Interest Or Payments Till Sept. 1, 1987

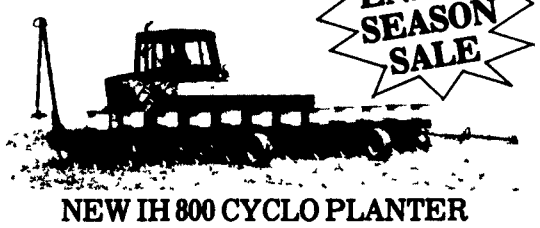
The Only One At This Price So Don't Lose A Bargain!

Must Sell Now!
SAVE OVER $5,400

LEFTOVER 800 SERIES PLANTERS
In Stock, Set-Up, Ready For The Field!

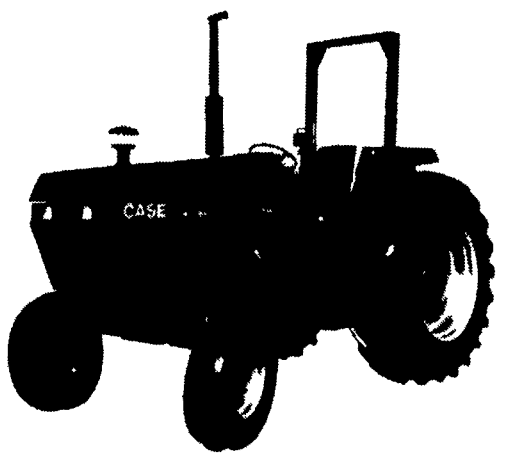
Early Riser Planters
Faster, earlier planting early rising crops

END OF SEASON SALE



NEW IH 800 CYCLO PLANTER w/SEED FLOW MONITOR, 6 Row 30", Corn Drum, Row Markers, Insecticide Boxes, 1000 RPM, No Fertilizer, Demo, Only 1 Left Was ~~$11,254~~
SPECIAL SUPER SAVER SALE PRICE ONLY $5,850

SAVE $2,000
CASE IH MODEL 1494 FENDER TRACTOR
75 H.P. DIESEL



- 2 Post ROPS
- 15 Speed Trans. w/Creeper
- 11Lx15 Front Tires
- 18.4x34 Rear Tires
- Dual Remote Valves

~~$15,500~~
~~$14,800~~

Tag No. NC 1007 NOW ONLY **$13,800**

By The Time You Read This Ad New Case IH Snow Blowers Should Be Here!

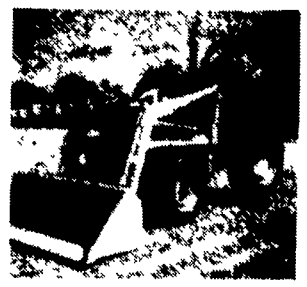
- (2) Model 80
- (1) Model 70

Come & Make A Deal Now!

NEW IH MODEL 244 DIESEL w/LOADER

21 H.P., 4 Wheel Drive, Farm Tires, Ag Tech Loader - Model 720 w/Single Lever Controls, 540 PTO

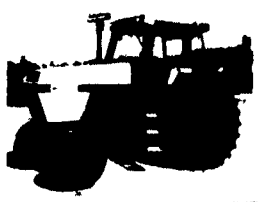
Ready To Go



COMPLETE TRACTOR & LOADER PACKAGE FOR ONLY.....$8,490
Financing Available

TRY A FUEL ECONOMY WINNER!

One New Case **1896 TRACTOR** w/Cab, Air, Heat Stop In For A Good Deal Now!



NEW CASE IH 1494 TRACTOR

w/Cab, Air, Heat, Power Shift, Transmission, Twin Hyd. Remote Outlets, 18.4x34, Power Adjust w/Approx 10 To 11 Months of New Warranty Left.
Tag UT 1181 Was ~~$17,800~~
NOW $16,800

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HUNDREDS OF RHINO DISKS, CHISEL PLOWS, COULTER CHISELS, 3 PT. SCRAPER BLADES, AND ROTARY CUTTERS ARE IN USE IN THE NORTHEAST BECAUSE OF THEIR GREAT QUALITY AT THE RIGHT PRICE BACKED BY OUR SERVICE!

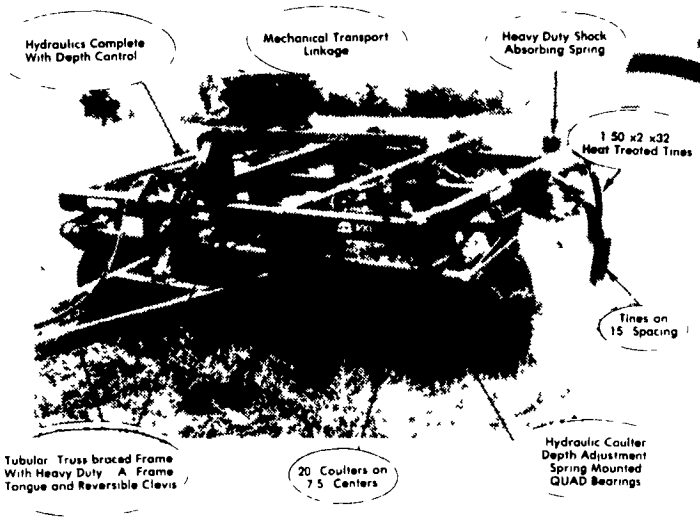
Buy Now Because 1987 May Bring Higher Prices!

Save A Tremendous Amount Of Money By Buying At YEAR-END CLEARANCE DISCOUNT PRICES

You Won't Get More Trash Flow Clearance From Any Other Brand Stretch Frame Soil Saver Coulter Chisel Than You'll Get From Heavy Duty Rhino Quality

RHINO 890

- **Features Hydraulic Raised and Lowered Coulter Gangs That Allow You To Raise Slicer Blades When Not In Trash That Saves Power, Fuel, Gives More Speed, Less Wear, Then When You Reach The Heavy Trash That Needs To Be Cut, You Lower Slicer Blades and Keep Right On Going!**
- **1½" Thick x 32" Tines Give You Heavy Duty High Clearance!**


Hydraulics Complete With Depth Control
Mechanical Transport Linkage
Heavy Duty Shock Absorbing Spring
1 50 x2 x32 Heat Treated Tines
Tines on 15 Spacing
Tubular Truss braced Frame With Heavy Duty A Frame Tongue and Reversible Clevis
20 Coulters on 7 5 Centers
Hydraulic Coulter Depth Adjustment Spring Mounted QUAD Bearings

Best Of All More Weight Less Cost

NOTICE: This Enables You To Lift Coulters Out When Not In Trash — SAVE POWER & WEAR

RHINO 890 Specifications

No of Shanks	5	7	9	11	13
Effective Width	6 3'	8 9	11 3	13 9	16 3
No of Coulters	11	15	19	23	27
DBHP	75	105	135	165	195
Requirements	100	140	180	220	260
No of Wheels	2	2	2	4	4

	Reg. Price	DISCOUNT SALE PRICE
• 5 Shank	~~$5,321~~	**$3,990**
• 7 Shank	~~$7,051~~	**$5,295**
• 9 Shank	~~$8,000~~	**$5,575**
• 13 Shank	~~$12,609~~	**$6,989**

NOTICE...Prices Void When Present Inventory Is Gone, So Don't Wait!

Get Your Chisel Now, Help Us Clean Out The Corners And You'll SAVE MONEY!

Only One In Stock

For The Medium-Size Farmer Who Owns A 30-60 HP Tractor

GET A RHINO MODEL 62 TRANSPORT DISK HARROW

- 9'4" Cutting Width Model, 22" Blades, 7½" Spacing On Front & Rear Gangs. Serial No. 035142 Tag. No. 1041 List ~~$4,036~~

SALE PRICE ..... ~~$2,436~~

DISCOUNT SALE PRICE, NOW ONLY $1,850

RHINO 47 3 PT. LIFT HARROW

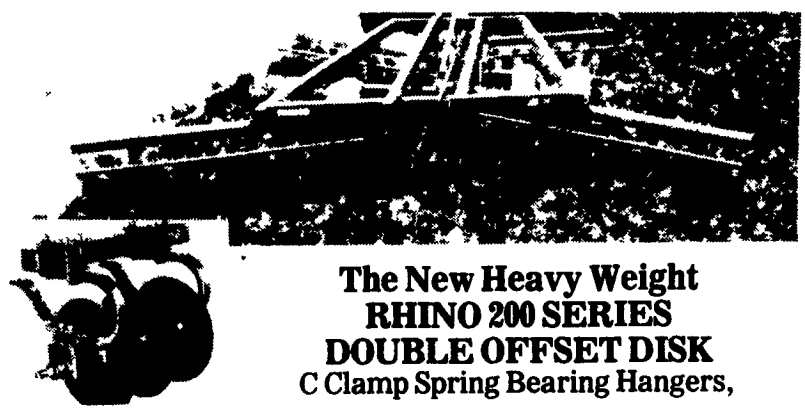
Great For Weekenders And Orchard Growers

6'5" Cut 3 Pt. Hitch, Front Blade Spacing Of 9" On Front Gangs w/18" Dia. Cutout. Rear Blades On 7" Spacing w/18" Dia. & Smooth-Type Blades. Approx. Weight 700 Lbs. w/Scrapers Tag No. 1040

Last One In Stock

List Price...~~$1,143~~
SALE PRICE...~~$690~~
DISCOUNT SALE PRICE... $590

THE HEAVY-DUTY CHAMPION AT DISCOUNT PRICES



The New Heavy Weight RHINO 200 SERIES DOUBLE OFFSET DISK
C Clamp Spring Bearing Hangers,

Special Leveling System Design, Double Tapered Blades On Rear Gangs, Single Tapered Blades On Front Gangs, To Finish w/Plowing Disk, Complete w/Cyl. & Hoses To Tractor, Dual Transport Wheels w/New Tires.

THE 200/201 LEVELING SYSTEM keeps the Frame level in the field and in transport After hitching the reversible Clevis to the tractor a Turnbuckle adjusts the Tongue position to level the Disk Frame in transport In the field a Leveling Screw that connects the Tongue to the Wheel Carriages is adjusted for field conditions and disking speed desired After initial adjustment the 200/201 remains level while being lifted and lowered A Turnbuckle connects the Wheel Carriages for precise side to side leveling

TAPERED DISKS are included as standard equipment on the 200 201 A single taper on the outside front is provided to reduce throwing of clods and clumps A double taper is provided on the outside rear (plus a third taper on Cover Disk) to pull in soil thrown out by front and to provide a smooth finished surface

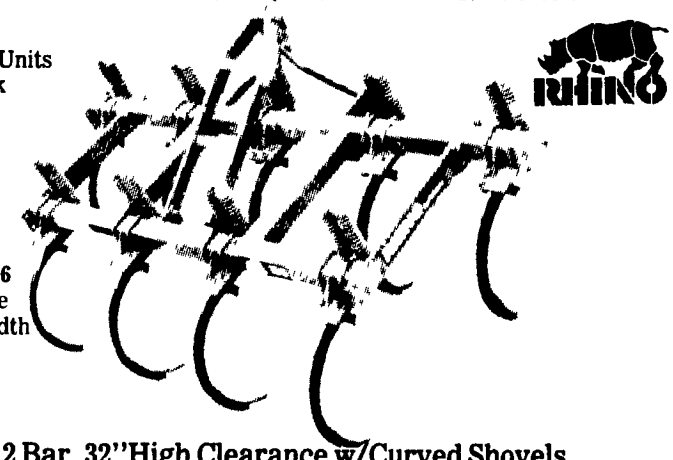
26" Diameter Blades On 10½" Spacing

- **MODEL 200** 2454760 10'2" Width Cut
  List $8,306 — DISCOUNT SALE PRICE.... ~~$5,790~~ **$4,950**
- **MODEL 200** 2854760 11'10" Width Cut
  List $38,749 — DISCOUNT SALE PRICE.... ~~$6,090~~ **$5,375**

NOTICE... TAKE ANOTHER 5% OFF DISCOUNT PRICES SHOWN AND SAVE BIG NOW!

2 And 3 Bar Units In Stock

MODEL 156 Extendable For More Width



- 5 Shank 2 Bar, 32"High Clearance w/Curved Shovels
  List ~~$1,176~~ — **SALE PRICE... $850**
- 7 Shank 2 Bar, 32" High Clearance w/Curved Shovels
  List ~~$1,441~~ — **SALE PRICE... $936**
- 7 Shank 3 Bar, 32" High Clearance w/Curved Shovels
  Only One Left List ~~$1,665~~ — **SALE PRICE... $1,135**
- 10 Shank 3 Bar, High Clearance w/Curved Shovels
  List ~~$2,200~~ — **SALE PRICE... $1,790**
- 11 Shank 2 Bar, High Clearance w/Curved Shovels
  Only One Left List ~~$2,126~~ — **SALE PRICE... $1,495**

NOTE: Number of Shanks Represent Width Footage

- 2 Ft. Extensions In Stock, No. 9-156-023231 (1 Ft. Added To Each Side) — **$328**
- Gauge Wheels In Stock, No. 9-156-530516 (For 2 or 3 Bar Units) — **$322**

REMEMBER TO DEDUCT ANOTHER 5% OFF TO SAVE!!!

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Sun Closed - Lord's Day

SAVE BIG!

TAKE 5% OFF THESE DISCOUNT SALE PRICES

Get Perfectly Level Seedbed Making At Discount Prices

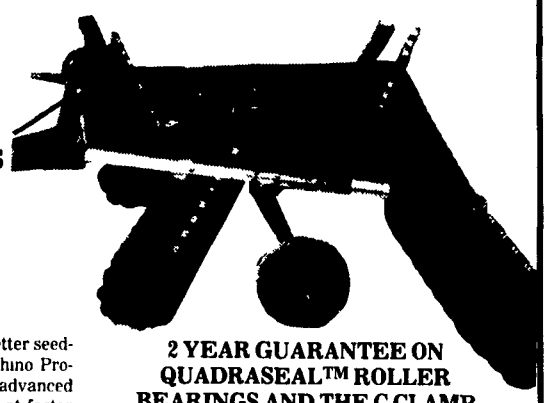
MANY SIZES IN STOCK

RHINO®

The Do It All Cut And Finish

RHINO 76 & 77 DOUBLE OFFSET DISK

A Disk Harrow That Is Self-Leveling With A Flex Frame And C Clamp Flex Bearing Hangers



A Do-It-All Cut & Finish...And Affordable!

If you want faster incorporation, better seedbeds, and less time in the field, Rhino Products R76 is the disk for you The advanced Double Offset design lets you disk at faster speeds, vary the field speed on-the-go, and still leave a uniform level seedbed behind

2 YEAR GUARANTEE ON QUADRASEAL™ ROLLER BEARINGS AND THE C CLAMP FLEX HANGER

All Prices Are With Hyd. Cylinders And Hoses

- **MODEL 76** R2426 737, 8'10" Width Cut, 9" Spacing On Front & Rear Gangs, 22" Blades
  List $4,462 — DISCOUNT SALE PRICE.... **$2,798**
- **MODEL 76** R2426767, 8'10" Width Cut, 9" Spacing On Front & Rear Gangs, 24" Dia. Smooth-Type Blades Last One In Stock
  List $4,763 — DISCOUSNT SALE PRICE.... **$2,938**
- **MODEL 76** R2636737, 8'10" Width Cut, 22" Blades, 9" Spacing On Front Gangs & 7½" Spacing On Rear Gangs
  List $4,718 — DISCOUNT SALE PRICE.... **$2,995**
- **MODEL 76** R2826737, 10'3" Width Cut, 9" Spacing On Front & Rear Gangs, 22" Dia. Blades
  List $4,721 — DISCOUNT SALE PRICE.... **$3,390**
- **MODEL 76** R2826767, 10'3" Width Cut, 9" Spacing On Front & Rear Gangs w/Smooth-Type 24" Blades
  Lsit $5,152 — DISCOUNT SALE PRICE.... **$3,530**
- **MODEL 76** R3036737, 10'3" Width Cut, 9" Spacing On Front Gangs & 7½" Spacing On Rear Gangs w/22" Smooth Blades
  List $5,060 — DISCOUNT SALE PRICE **$3,490**
- **MODEL 76** R3636737 11'1" Width Cut, 9" Spacing On Front Gangs, 7½" Spacing On Rear Gangs, 22" Blades
  List $5,725 — DISCOUNT SALE PRICE.... **$4,190**
- **MODEL 76** R3226767, 11'8" Width Cut, 9" Spacing On Front & Rear Gangs, 24" Dia. Blades
  List $5,783 — DISCOUNT SALE PRICE.... **$4,190**
- **MODEL 76** R3626767, 13'1" Width Cut, 9" Spacing On Front & Rear Gangs, 24" Dia. Blades
  List $6,363 — DISCOUNT SALE PRICE.... **$4,568**
- **MODEL 76** R4036737, 13'5" Width Cut, 9" Spacing On Front Gangs & 7½" Spacing On Rear Gangs w/22" Dia. Smooth-Type Blades
  List $6,246 — DISCOUNT SALE PRICE.... **$4,550**

MODEL 77...A Little Heavier Than The 76's

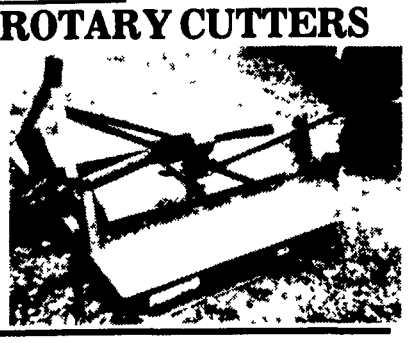
- **MODEL 77** R3626761, 13'1" Width Cut, 9" Blade Spacing On Front & Rear Gangs, 24" Dia. Blades, Only One Left
  List $7,001 — DISCOUNT SALE PRICE... **$5,290**
- **MODEL 77** R4036731, 13'6" Width Cut, 9" Blade Spacing On Front Gangs & 7½" Blade Spacing On Rear Gangs w/22" Dia. Smooth Blades
  List $7,027 — DISCOUNT SALE PRICE.... **$4,850**

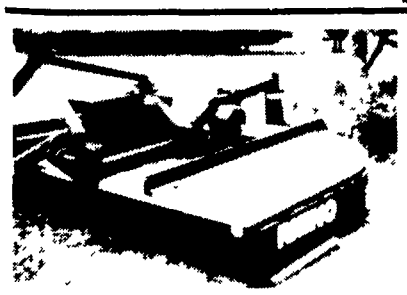
Remember...DEDUCT 5% OFF Our Discount Sale Prices to Save Now!

NOTICE OUR SPECIAL REDUCED SALE PRICES!

RHINO SE SERIES ROTARY CUTTERS

- 4 Ft. Model SE4 List $525..... SALE ~~$425~~ **$395**
- 5 Ft. Model SE5 List $546..... SALE ~~$495~~ **$459**
- 6 Ft. Model SE6, Shear Bolt Protected List $929..... SALE ~~$720~~ **$689**
- 7 Ft. Model SE7 List $1,495 . SALE ~~$1,196~~ **$1,149**



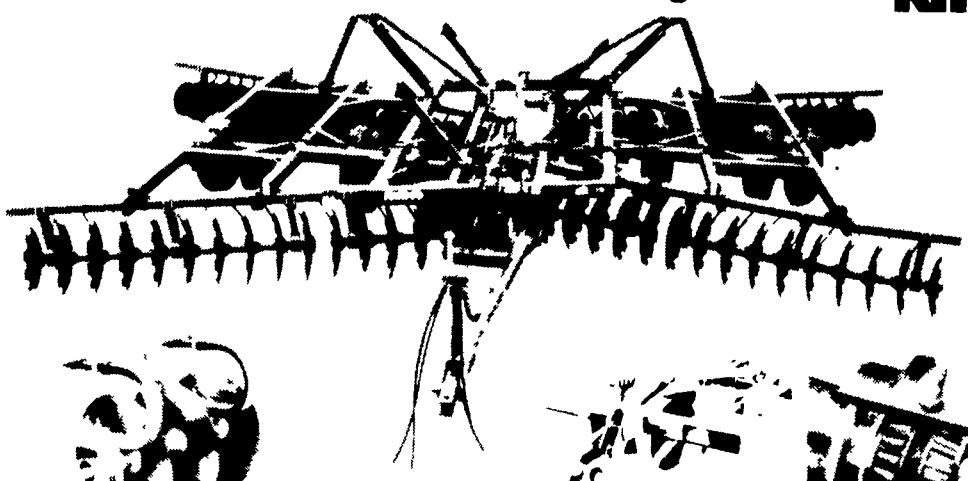


RHINO HEAVY DUTY SATURN 8 TWIN SPINNER
3 Pt. 8 Ft. Cutter w/Slip Clutch & Stump Jumper
List ~~$3,395~~ SALE ~~$2,485~~
NOW ONLY **$2,350**

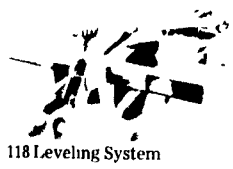
SAVE OVER 30% on RHINO MODEL 118

The Best Double Offset Design

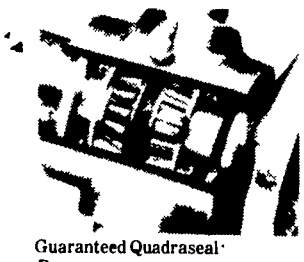
RHINO



118 Spring Bearing Hangers



118 Leveling System



Guaranteed Quadraseal Bearings

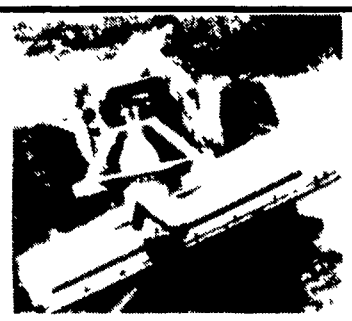
118 Wing Flotation

THE HEAVYWEIGHT CHAMPIONS THAT FINISH PERFECTLY LEVEL

If You Never Saw One Work, It Is Time You Do, Before You Buy Another Brand. We Probably Can Save You $ $ $!

Complete w/All Hyd. Cylinders & Hoses To Tractor, Cover Disks For No-Ridge Leveling, Tires, Setup & Ready To Go.
Plus 2 Year Warranty On Bearings & Spring Hangers.

- **MODEL 118** 4424761 w/15'10" Width Cut, 9" Blade Spacing On Front & Rear Gangs, 24" Dia. Blades
  List ~~$12,313~~ — SALE PRICE.... ~~$8,150~~
  DISCOUNT SALE PRICE NOW ONLY.... **$6,995**
- **MODEL 118** 5624761 w/20'3" Width Cut, 9" Blade Spacing On Front & Rear Gangs, 24" Dia. Blades
  List ~~$13,451~~ — SALE PRICE.... ~~$8,595~~
  LAST ONE THIS SIZE IN STOCK, BUY NOW ONLY **$7,797**
- **MODEL 118** 6024762 w/21'7" Width Cut, 9" Blade Spacing On Front & Rear Gangs, 24" Dia. Blades, Dual Wheels On Wings Give You A Total of 8 Wheels & Tires
  List ~~$14,248~~ — SALE PRICE.... ~~$9,390~~
  LAST ONE THIS SIZE IN STOCK, BUY NOW ONLY **$8,850**



BIG DISCOUNTS ON SNOW BLADES

"RHINO" -TOUGH ENOUGH FOR TRENCHING

3 PT. HITCH BLADES

Ideal For Snow Removal, Barnyard Scraping And Excavating Or Terrace Work With The Big Ones!

- (4) **MODEL R100** w/6 Ft. Moldboard
  List $360 — DISCOUNT SALE PRICE....**$249**
- (3) **MODEL LR** Designed For Up To 55 HP, 360° Moldboard Pivot, 22 No-Wrench Adjustments, 402 Lbs., 7 Ft. Moldboards
  List $652 — DISCOUNT SALE PRICE....**$495**
- (2) **LR BLADES** w/8 Ft. Moldboards
  List $668 — DISCOUNT SALE PRICE....**$515**
- (1) **BR 7 FT. BLADE** For Tractors Up To 75 H.P.
  List $1,245 — DISCOUNT SALE PRICE....**$855**
- (3) **BR BLADE** w/8 Ft. Moldboard Designed For 75 HP Tractors, 745 Lbs., 34 No-Wrench Adjustments, 17' Moldboard Height
  List $1231 — DISCOUNT SALE PRICE....**$885**
- (1) **MODEL R900** w/8 Ft. Moldboard Designed For Up To 100 HP w/Weight Over 839 Lbs., 36 No-Wrench Adjustments Serial No. 5574
  List $1,353 — DISCOUNT SALE PRICE....**$945**
- (2) **MODEL R900** w/9 Ft. Moldboard Ideal For Heavy Duty Excavating & Ditching. Serial No. 5912
  List $1,048 — DISCOUNT SALE PRICE....**$975**

RHINO 800 SERIES FIELD CULTIVATORS

With A Lot Of Fine Features...None Are Built Heavier!

- **MODEL 802** -1010-010 9'11" Width
  List $3,951 — DISCOUNT SALE PRICE NOW ONLY....**$1,969**
- **MODEL 802** -1310-010 13'5" Width
  List $4,633 — DISCOUNT SALE PRICE NOW ONLY....**$2,595**
- **MODEL 800 SERIES** 19'3" Wing Fold w/Complete Hyd.
  List $7,078 — DISCOUNT SALE PRICE NOW ONLY....**$3,995**

BINKLEY-HURST BROS. INC.
SALES PARTS SERVICE

133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
(717) 626-4705
Hours: Mon.-Fri. 7 AM - 5 PM; Sat. 7 AM - 11:30 AM
Sun. Closed - Lord's Day

NOTICE TO CONTRACTORS & FARMERS...
We Still Have A Few New Trailers In Stock At Old Prices, So Buy Now And Save.
The Early Bird Gets The Worm!

BUY THIS UNIT & RECEIVE A $1,000 U.S. SAVINGS BOND

Eager Beaver 35GHG/BR — **35 TON DETACHABLE GOOSENECK**

BEAVERTAIL + RAMPS 35GHG/BR

Capacity: 70,000 lbs. at 40 MPH
Trailer Weight: 15,600 lbs.
Overall Length: 41'1"
Overall Width: 96"

Deck Length: 20'
Deck Width: 96"
Deck Height: 26"
Tires: (8) 255/70R22.5

List ~~$26,925~~
DISCOUNT SALE PRICE.... **$20,295**
Plus F.E.T.

Eager Beaver 20HA

20 TON HEAVY AIR BRAKES 20 HA

Capacity: 40,000 lbs. at 50 MPH
Trailer Weight: 7,050 lbs.
Overall Length: 27'6"
Overall Width: 96"

Deck Length: 22'
Deck Width: 96"
Deck Height: 37"
Tires: (8) 8.25 R 15 (G) Radial

List... ~~$12,695~~
DECEMBER CLEARANCE PRICE
$9,250
Plus F.E.T. $846.00

Eager Beaver

10 TON MODEL 10HA TRAILER With Air Brakes

- Capacity: 20,000 lbs. at 54 MPH
- Trailer Weight: 5,800 lbs.
- Overall Length: 24'6"
- Deck Width: 96"
- Deck Height: 32½"
- Tires: (8) 8.75x16.5 (E)
- Overall Width: 96"
- Deck Length: 20'

DISCOUNT SALE PRICE ... **$7,895**

EAGER BEAVER 10 TON MODEL 10HDB w/Elec. Brakes
Was ~~$7,300~~
Last One At Super Saver Price!
NOW ONLY.... **$6,880**

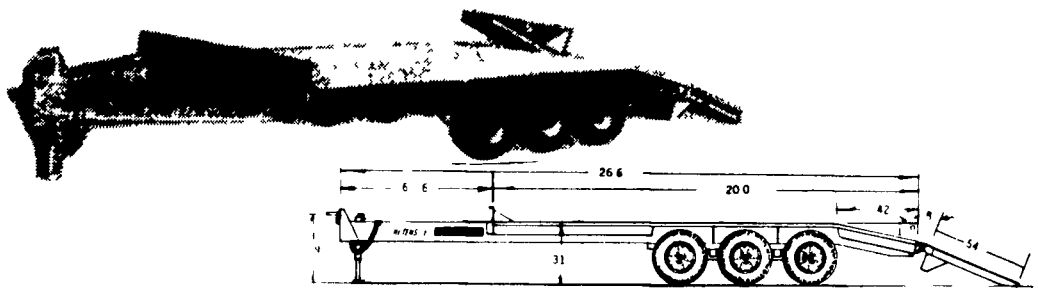
EAGER BEAVER B9DOW 9 TON DECK-OVER-WHEELS/ DISC WHEELS - BUDD WHEELS

Capacity: 18,000 lbs. at 60 MPH
Trailer Weight: 4,600 lbs.
Overall Length: 26'6"
Overall Width: 96"

Deck Length: 20'
Deck Width: 96"
Deck Height: 33"
Tires: (6) 9.50x16.5 (E)

Reg. Price... ~~$4,550~~
DISCOUNT CASH & TOW-AWAY PRICE..... **$4,450**

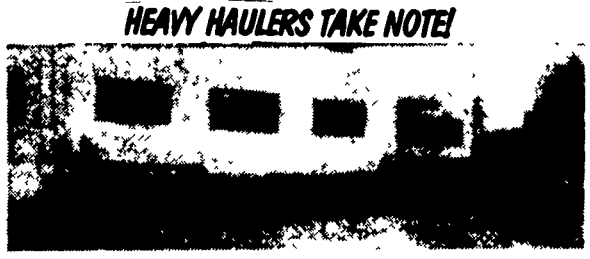
9 TON DECK-OVER-WHEELS 9 DOW



9 Ton, 3 Axle, Electric Brakes, Complete Truck Wiring Harness Kit Including Brake Control.

Regular List Price, Setup ..... ~~$5,500~~
Regular Sale Price Only ..... ~~$4,350~~
DISCOUNT SALE PRICE NOW ONLY **$4,250**

HEAVY HAULERS TAKE NOTE!



In Stock... 25 TON TRAILER
General Model 50 BDH Demonstrator

- 48' Length • Air Ride Suspension
- Single Drop • Two Tool Boxes
- Michelin Radials • Dark Brown Color
- Spread Axle — List ~~$21,000~~
- 102" Width — OUR PRICE ~~$18,000~~
- Budd Wheels — DEMONSTRATOR PRICE..... **$17,800**

Plus F.E.T.

BINKLEY HURST BROS. INC.
SALES PARTS SERVICE

133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
(717) 626-4705
Hours Mon-Fri 7 AM - 5 PM, Sat 7 AM - 11 30 AM
Sun Closed - Lord's Day

HARDI

PRICE REDUCED
Economical & Ideal For FRUIT TREES LAWN & GARDEN
Easy Operating Hand Pump Lever, 100 P.S.I. Pressure

RY-15 BACK PACK SPRAYER

RY-15 Order No. 817294
Tank Capacity - RY-15-3.95 U.S. gallon (15 litre)
Pump - RY-15 - Piston Maximum 100 p.s.i. pressure
Height-20.5"
Depth - 7.95"
Width - 14.5"
IN STOCK

Weight - RY-15 10½ lbs. empty, 43½ lbs. full

ONLY ~~$89.50~~
DISCOUNT SALE PRICE...$79.50
Pump Handle Can Be Installed For Right Or Left Hand Operation.

Only A Few Left!

NEW! 3 Pt. Fertilizer Spreader and Seed Caster
Accurately Broadcasts All Powdered And Granular Fertilizers and Herbicides, Seeds Salt and Sand
- Spreads up to 40 ft swath
- Rugged all steel construction
- Epoxy finish protects against rust and corrosion
- Instant on/off

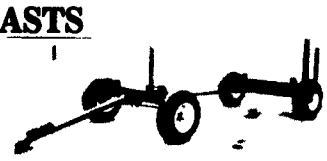
Choice of 3 Spread Patterns
• Left • Full Rear • Right Spread

- 1M MODEL 1010 10 Bushel Size — $329.00
- 1M MODEL 610 6 Bushel Size — $284.00

Now Is The Time To Dig Your Potatoes The Easy Way
3 PT. POTATO PLOW
Reg... ~~$98.50~~
DISCOUNT SALE PRICE..... **$69.00**

BUY NOW DURING OUR DISCOUNT DAYS & SAVE WHILE INVENTORY LASTS

- NEW 8 TON WAGONS w/Adj. Quick Hitch, 8x15 Wheels
  Reg... ~~$460~~ NOW **$440**
- With 6x15 Wheels
  Reg... ~~$445~~ NOW **$425**



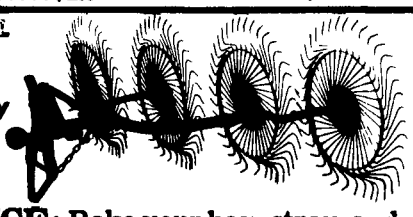
Tires & Setup Not Included In Prices

DEDUCT 10% OFF PRICES SHOWN & SAVE
3 PT. ECONOMY STONE RAKES w/GAUGE WHEELS

- 6 Ft..... $395
- 7 Ft..... $410
- 8 Ft..... $425

Prices Good On In-Stock Inventory ONLY

SPECIAL OFFER On Quality Built Rakes



NOTICE: Rake your hay, straw and corn fodder with an inexpensive, 3 pt. Wheel Rake For Only
~~$495.00~~ **$465.00**

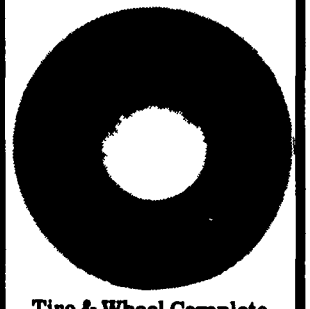
Price Reduced On Pintle Hookup Assembly
For 6 to 9 Ton Cap.

Reg. $76.50
Now Only ... **$59.00**

Special On REPLACEMENT TOP LINKS
For 3 Pt. Tractors

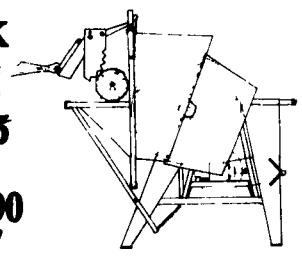
Cat. I..... $16.50
Cat. II..... $22.50

Parts Dept. Special
NEW 8.00x14.5 F TIRES
On Rims To Fit Tag-Along Trailers



Tire & Wheel Complete
Only **$98.00**

SPECIAL NEW 3 PT. HOOKUP SAW BUCK
Most Models Are Priced Over $800



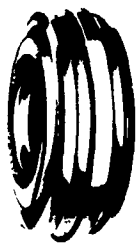
SALE ~~$450~~ ~~$425~~
SPECIAL SPECIAL PRICE **$390**
Only A Few Left!

LOOK AT OUR SUPER SAVER DISCOUNTED TIRE PRICES

TRACTOR TIRES

Quantity	Description	Cost Per Tire
• 2	12.4x24 6 Ply Goodyear Tubeless New Take Offs	$95
• 2	15.5x38 6 Ply General	$199
• 2	18.4x34 8 Ply BFG Radial	$400
• 2	18.4x38 6 Ply General	$275
• 4	18.4x38 10 Ply w/Tubes	$350
• 2	13.6x38 4 Ply Used w/Tubes, 75% Tread	$90
• 2	20.8x38 8 Ply General	$385
• 2	18.4x38 6 Ply Firestone Radial	$360
• 1	16.9x24 10 Ply Goodyear Industrial	$335
• 2	18.4x34 8 Ply GY Mounted On Powershift Wheels For Case Under HP Tractor	$425
• 2	13.9x36 4 Ply GY	$120
• 4	400x8 4 Ply	$8
• 1	16.9x30 6 Ply GY On Rim	$210
• 2	8x16 2 Ply GY Traction Tread	$25

FRONT TRACTOR TIRES



Quantity	Description	Cost Per Tire
• 5	11Lx15 6 Ply BFG	$52
• 4	600x16 6 Ply GY On 6 Lug Wheel	$45
• 2	27-9.50x15 2 Ply Carlisle Turf Saver	$35
• 2	600x16 4 Ply Farm Hand	$25
• 3	400x19 4 Ply BFG	$15
• 2	1000x16 6 Ply BFG Blem	$60
• 8	1100x16 8 Ply BFG	$102
• 1	14.6x16.1 6 Ply GY Used, 80% Tread	$65
• 2	1100x16 6 Ply BFG, Mt. On 8 Lug Wheel w/80% Tread	$99
• 4	7.60x20 4 Ply, For Grain Drill	$40
• 4	9.5x15 6 Ply BFG Tubeless	$49
• 2	600x16 6 Ply BFG	$27
• 2	7.5x15 6 Ply Armstrong	$45
• 1	7.50x16 6 Ply BFG	$45
• 5	7.50x16 6 Ply MDG	$45
• 2	6.50x16 6 Ply BFG	$35
• 4	11Lx16 10 Ply Uniroyal F3 Ind.	$91
• 1	7.50x16 6 Ply w/Tube, Used, 20% Tread	$18

SKID LOADER TIRES

Quantity	Description	Cost Per Tire
• 1	16x6.50x8 2 Ply GY	$15
• 1	9.5x14 6 Ply BFG	$42
• 4	10x16.5 Wheels For 1835 Case w/Truck Tires, 30% Tread	$51
• 4	Used 7.50x16.5 For Case 1845B	$55
• Numerous	12x16.5 Firestone	$120
• 1	10x16.5 BFG	$80
• 1	5.90x15 GY	$49

TRUCK TIRES

Quantity	Description	Cost Per Tire
• 1	8.25x15 Cooper, 15% Tread	$25
• 8	8.25x15 w/Tube, Smooth	$25
• 1	10.00x15 General, 40% Tread	$45
• 1	10.00x15 Michelin w/Tube, 18 Ply, New	$155
• 3	10.00x15 Trisun 14 Ply, New	$140
• 2	900x20 New Mud & Snow Recap	$80

CAR TIRES

Quantity	Description	Cost Per Tire
• 2	P215.75 R15 BFG	$35

WAGON TIRES

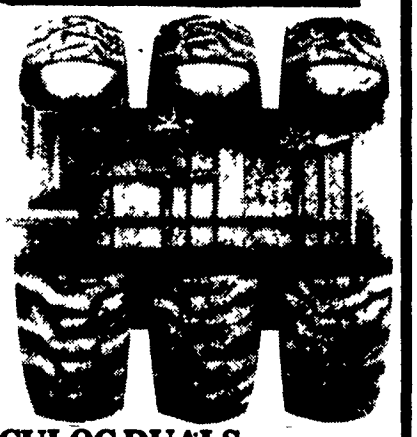
Description	Cost Per Tire
• 12.5Lx15 8 Ply	$52
• 12.5Lx15 10 Ply	$67
• 11Lx15 8 Ply	$45
• 9.5x15 8 Ply	$44

USED DUALS

Quantity	Description	Cost Per Tire
• 1 Set	20.8x38 3¼ Axle Dia. For IH 1066, 80% Tread	$900
• 1 Set	20.8x38 GY, 15% Tread, Clamp On Duals	$650
• 1 Set	16.9x38 T-Bar Duals, 15% Tread	$485
• 2	20.8x38 8 Ply Armstrong, 20% Tread	$50
• 2	20.8x38 8 Ply BFG Rice & Cane, 70% Tread	$215
• 2	18.4x38 On Rims, 20% Tread	$150

UNDERFERTH McCURDY DUAL-WHEEL HEADQUARTERS

CIRCOLOC



McCURDY CIRCULOC DUALS

Description		Cost Per Set
• CS6 18-38-10" Band	$899 Less 30%	$629
• CS4 16-38-10" Band	$705 Less 30%	$493
• CS3 14-38-8" Band	$592 Less 30%	$414
• CS4 16-34-10" Band	$691 Less 30%	$483

RIMS

Description		Cost Per Tire
• 4...18x38 Double Bevel	$203 Less 25%	$152
• 2...14x38 Double Bevel	$143 Less 25%	$107
• 2...10x28 Ford Rims	$67 Less 25%	$50

TRACTOR RIMS & MISCELLANOUS WHEEL PARTS

Description	Cost Per Rim
• 10x38 Spacer Band	$51
• 8x34 Spacer Band	$51
• 14x34 Case Rims	$75
• 16x34 Case Rims	$80
• 14x30 Case Rims	$70
• Step-Up Lugs To Go From 34" To 38" Rims	$10

ASSORTED IH RIM

TAKE 50% OFF THESE LIST PRICES!

Quantity	Description	List Price
• 1	820936C1 For 530-540-550-560-570-580-575-595 Manure Spreader 8x20 6 Lug Wheels	$204.43
• 1	166254C91 For 205-315 Combine, 12x26, 8 Lug	$347.01
• 2	395856R1 For 574-674-584-884 Tractor 14x30 Rim	$161.55
• 3	395856R1 For 574-674-584-884 Tractor, 12x28 Rim	$150.00
• 2	139267C1 For 1586-5088-5288-5488 10 Lug Wheels, 18x38	$411.48
• 1	406939R1 For 484-584 Tractor, 11x28	$285.72
• 1	380867R1 For 756-826-856-1026-706-66 Series Tractor	$218.31
• 1	63720D For 04-W4-W6-06 - W450 - 560	$50.00
• 1	3116540R1 & 3116404R1 84 & 85 Series Tractor, 15x30 Disc & Rim	$541.00
• 1 Set	M&W 16x34 9 Lug Axle Hub, Complete, For 656-666-686 Hyd. 70, Hyd. 86	$384.00

Why Settle For Less When You Could Buy The Best?

UM BINS & RUNNING GEARS

High Performance Gravity Flow

GRAIN BOXES

Cu. Ft. Capacity	CASH PRICE
• 190	$580
• 230	$645
• 275	$695

High Performance Wagon Running

GEARS

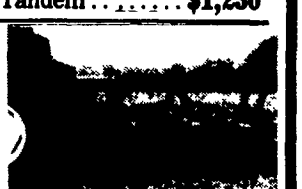
(Less Tires)

Wt. Capactiy	CASH PRICE
• 8 Ton	$670
• 10 Ton	$755
• 12 Ton	$1,035
• 12 Ton Tandem	$1,230

Save A Trip!

UM DRILL-MOUNTED CULTI-PLANTER

MODEL 156 - Covers 15'6" Working Width w/7" Spacing



Culti-Planter mounts to the front of your grain drill/planter. It becomes an integral part of the implement so you can finish the seedbed and plant seed on the same trip through the field.
List $3,690 REG. PRICE $3,250

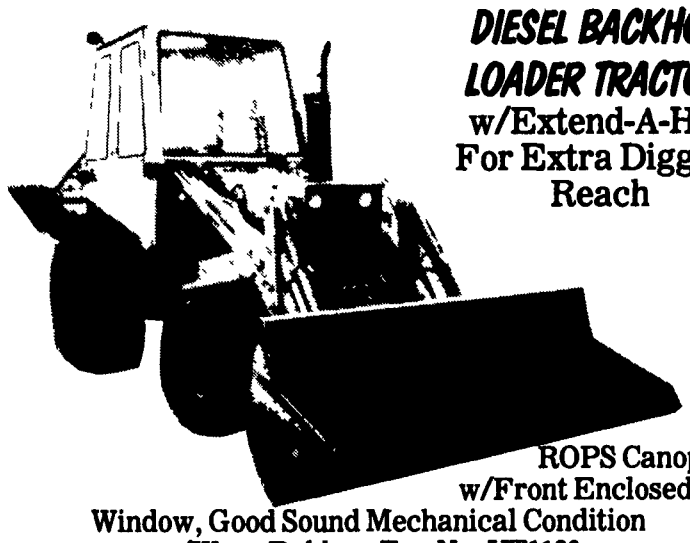
DISCOUNT SALE PRICE **$3,090**

- Several Tarp Kits In Stock For Gravity Bins
- (1) Leftover Ladder Kit For Gravity Bins $32.00

USED CONSTRUCTION EQUIPMENT

SAVE $1,000 On A Case 580B

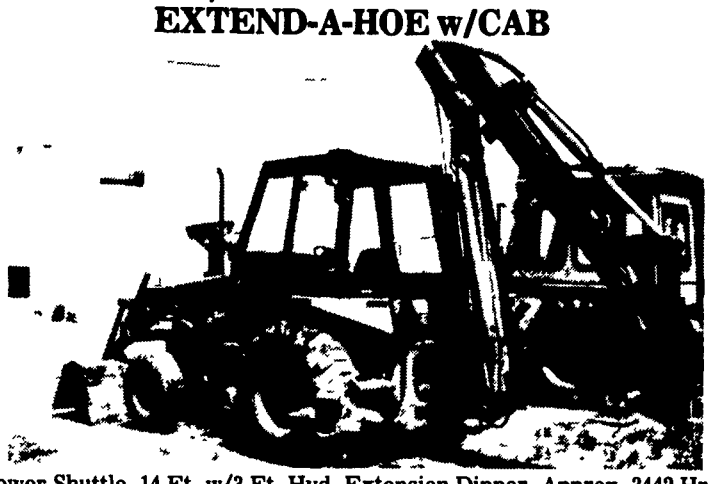
DIESEL BACKHOE LOADER TRACTOR
w/Extend-A-Hoe For Extra Digging Reach



ROPS Canopy w/Front Enclosed Window, Good Sound Mechanical Condition w/Worn Rubber. Tag No. UT1180

Was $9,800 NOW ONLY **$8,800**

SAVE $2,000 On A 1979 CASE 580C EXTEND-A-HOE w/CAB

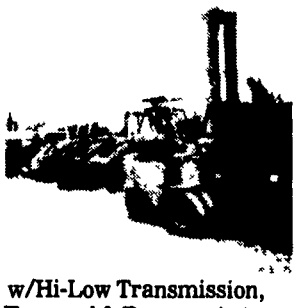


Power Shuttle, 14 Ft. w/3 Ft. Hyd. Extension Dipper, Approx. 3442 Hrs., Good Tight Hoe, Approx. 60% Rubber. Tag No. UT1142
Was $16,500 NOW ONLY **$14,500**

New BUSH HOG 7 Ft. 3 Pt. SQUEALER TWIN SPINNER ROTARY CUTTER

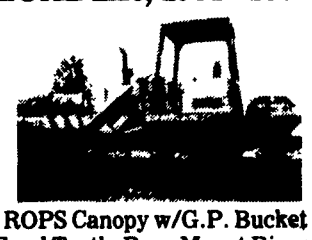
List ~~$1,575~~ **$1,149**

SAVE $1,000 Like New AC 21 Ft. Propane Gas Powered FORKLIFT



w/Hi-Low Transmission, Forward & Reverse Auto. Shuttle Transmission w/Torque Converter, Lifts Approx. 5500 Lbs., Less Than 1400 Hrs.
Was $10,800
NOW ONLY **$9,800**

CASE 855C CRAWLER LOADER, 1984 Model



ROPS Canopy w/G.P. Bucket - Good Teeth, Rear Mount Ripper, Good Paint, Good Undercarriage, Good Pads, Pins & Bushings, Good Track Rails.
SN 7402240
Tag No. UT1190

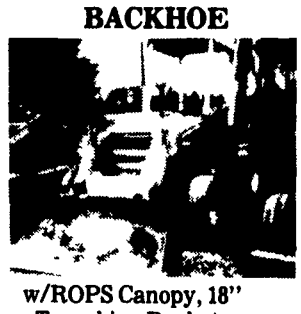
$36,900

CATERPILLAR MODEL 941 CRAWLER LOADER

w/Good General Purpose Bucket, Power Shift, Good 70% U.C.

$16,900

SAVE $2,000 IH 260 A DIESEL LOADER BACKHOE



w/ROPS Canopy, 18" Trenching Buckets
Was $10,800
NOW ONLY **$8,800**

New 3 Pt. Coroni 6 Ft. LAWN-TYPE ROTARY MOWER

Our Reg. Price ~~$875~~
DISC. SALE PRICE **$790**
Only A Few Left

IMC 3 PT. LOGGING WINCH

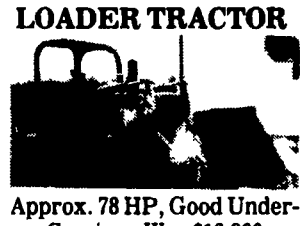
To Fit On Your Farm Tractor, Approx. 250 Ft. of Cable, PTO Driven w/Brake, 3 Ton Pull
Our Reg. Price ~~$545~~
DISCOUNT SALE PRICE **$495**

GOOSEN BALE CHOPPER

w/30 Ft. of 6" Hose, Self-Contained Power Unit, 11 HP Honda
Tag No. 1452

~~$3,050~~ **$2,485**

SAVE $2,000 1977 IH 125E CRAWLER LOADER TRACTOR



Approx. 78 HP, Good Under-Carriage Was $16,900
NOW ONLY **$14,900**

Come & Pick Your Choice While The Selection Is Good!

Choose From Five CASE 580C BACKHOES w/Standard 16 Ft. Hoes. Some Have Cabs, Some Have Open ROPS.

- **CASE 580C** 1979 Model w/Cab, Rebuilt Pump.
  Tag No. UT1143
  Reg. $15,500
  NOW ONLY **$14,860**
- **CASE 580C** 1977 Model, w/Cab, Direct Drive, Mechanical Shuttle, Approx. 3380 Hrs.
  Tag No. UT1144
  Was $14,900
  NOW ONLY **$12,850**
- **CASE 580C,** 1980 Model w/ROPS, Canopy, 24" Trenching Bucket, Tires - 50%+, UT 1164
  Was $14,800
  NOW ONLY $13,600
- **CASE 580C,** 1980 Model w/ROPS, Approx. 2100 Hrs., Tires - 50% +, 24" Trenching Bucket UT1163
  Was $14,800
  NOW ONLY **$13,600**
- **CASE 580C,** 1976 Model w/ROPS Canopy, Graveyard Style Trenching Bucket.
  Tag No. UT1137
  Was $14,800
  NOW ONLY **$12,850**

SAVE $$$ On A 1977 FORD 550 DIESEL BACKHOE LOADER TRACTOR w/CAB

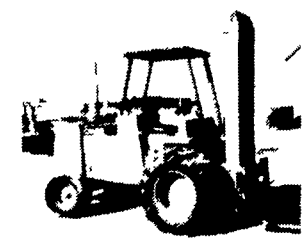
No Glass In Rear Cab, No Welds From Breakage, 30" Trenching Bucket, Street Pads On Stabilizers, Good Straight Metal w/Fair Paint
Was $14,700
NOW ONLY **$13,850**

1980 CASE MODEL 850B CRAWLER LOADER

ROPS, Brush Sweeps w/G.P. Bucket w/Teeth, Good Paint, Good Pads, Good UC, Pins & Bushings - 50%
SN 7079648
Tag No. UT1193

$27,900

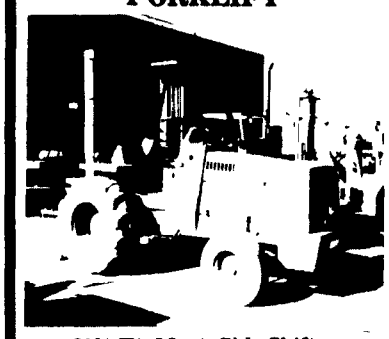
SAVE $3,000 CASE 586D DIESEL FORKLIFT w/21' MAST



6,000 Lb. Capacity, Approx. 500 Hrs., Side Shifter, Like New
$24,800

SPECIAL...PRICED TO GO NOW...You Haul Away For Only $21,800

1981 CASE 585C DIESEL FORKLIFT



21½ Ft. Mast, Side Shifter, 48" Pallet Forks. Less Than 1100 Actual Hrs., UT 1148
Was $15,500
NOW ONLY **$14,950**

PETTIBONE SUPER 6 4WD HIGH LIFT

w/IH 290 Gas Power Rebuilt, Hyd. Leveling
Tag No. UT 1198
NOW ONLY **$9,600**

CASE 420 CRAWLER LOADER w/Gas Motor

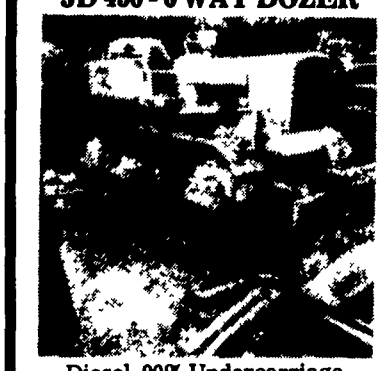
Bucket w/Teeth, Rear Counter Weight, Approx. 2656 Hrs.
UT 1187
Was $2,900
NOW ONLY **$2,580**

1984 CASE MODEL 855C CRAWLER LOADER

G.P. Bucket - No Teeth, ROPS Canopy, Sprockets God, UC - Good, Pins & Bushings - Like New, Rear Wts. & Drawbar, 1011 Hrs., SN 7402292
Tag No. UT1191

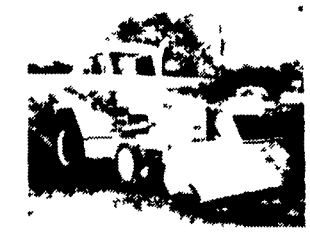
$34,900

SAVE $2,000 JD 450 - 6 WAY DOZER



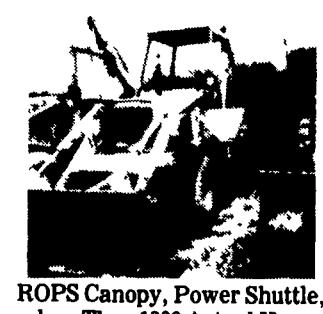
Diesel, 90% Undercarriage, Good Clutches, Rebuilt Rear Drive. Tag No. UT 1049
Was $12,850
NOW ONLY **$10,850**

SAVE $500 IH 3400 A TRACTOR LOADER, DIESEL



Wobble Stick Controls, Rear Wheel Wts., Good Edge On Bucket, ROPS Canopy.
Tag No. UT1166
Was $3,950
NOW ONLY **$3,450**

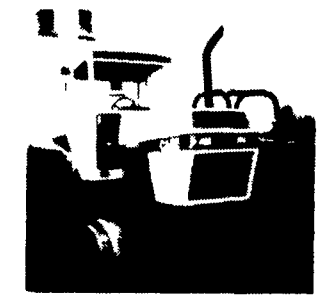
CASE MODEL 480C 1977 DIESEL LOADER BACKHOE



ROPS Canopy, Power Shuttle, less Than 1300 Actual Hrs. Hoe Attachment Was Used Very Little. Tag No UT 1135

$13,800

CASE MODEL 2290 129 H.P. TRACTOR



ROPS Canopy, Standard Shift 8 Speed Trans., 18.4x38 Tires, Approx. 500 Hrs.
Was $14,800
NOW ONLY **$13,800**

1984 CASE MODEL 855C CRAWLER LOADER

G.P. Bucket w/Good Teeth, ROPS Canopy, Brush Sweeps, Rear Wt. w/Drawbar, Good Pads, Good UC, 735 Hrs., Excellent Condition

$34,900

NOTICE: We Have FORKLIFT BLOCK TINES In Stock

(3) Like New Sets Of 2 To Fit Case 586, 6,000 Lb. Forklift

PRICE PER PAIR....$425

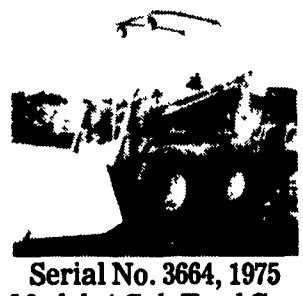
Reminder - New Tines Cost Approx. $350 Eah.)
So Get A Bargain On These Like New Sets.

USED TRACTORS AND SKID LOADERS

SAVE $1,000
GEHL 4600

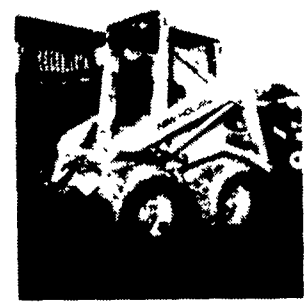
Serial No. 1781, 1982 Model, 44 H.P. Perkins Diesel, 65" Bucket, 2,893 Hrs. UT 1094
Was ~~$6,800~~
NOW ONLY **$5,800**

FORD CL40



Serial No. 3664, 1975 Model, 4 Cyl. Ford Gas Engine, ROPS Frame w/Lights, New Heavy Duty 60" Bucket, 7.50x15 Tires - 75%. UT 1141
$3,800

SAVE $700
N.H. L325

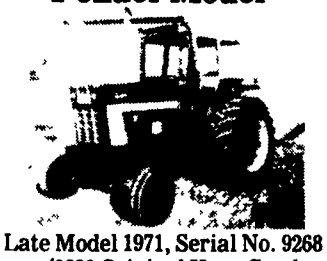


Serial No. 479614, 1983 Model, 22 H.P., Gas Engine, 60" Bucket, Shows 578 Hrs. UT 1050
Was ~~$5,600~~
NOW ONLY **$4,900**

SAVE $$$
On A MODEL 116 Demo, 16 HP Compact Riding Mower

Serial No. 140947818 w/44" Rear Discharge Mower
Was ~~$2,971~~
NOW ONLY **$1,250**

IH 1066 TRACTOR Fender Model



Late Model 1971, Serial No. 9268 w/2632 Original Hrs., Good 20.8x38 Tires, New TA About 180 Hrs. Ago, 540-1000 PTO, Ready For The Field
Was Over ~~$11,200~~
NOW ONLY **$8,800**
A Good Sound One-Owner Tractor

CASE MODEL 220 10 HP Riding Mower

44" Mower In Very Good Condition w/Rear Discharge Design To Pull Lawn Sweeper Behind Unit - Making A One Trip Operation. Hyd. Drive, A Good Heavy Duty Setup w/Kohler Motor
Was ~~$1,950~~
NOW ONLY **$1,250**

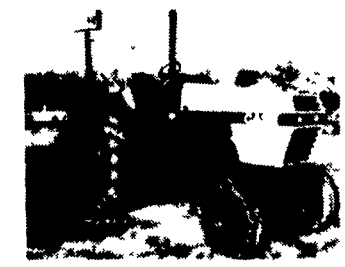
CASE 1070 YELLOW MODEL

1970 Model, 18.4x38 Rear Tires w/Good Tread, Power Shift Front Wts. Tag. No. UT1008
Was ~~$5,300~~
NOW ONLY **$3,900**

SAVE $3,000
On A Good, Clean Low Hour CASE 2290
Rated 129 HP w/ Power Shift

Like New, Cab, Air, Heat, 20.8x38 Firestone Radial Tires, 10 Front Weights, Less Than 600 Hrs. Stock No. UT1020
Was ~~$21,800~~
NOW ONLY **$18,800**

SAVE $2,500
On An Almost New CASE 1896 w/95 H.P. Case-Cummins Power



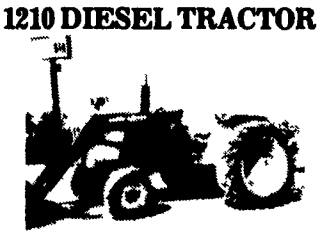
18.4x38 Radial Tires, Power Shift, Weight Frame, 540-1000 RPM PTO. Tag No. UT1111
Was ~~$18,800~~
NOW ONLY **$16,300**

SAVE $1,000
CASE 2470 4WD

3532 Hrs., Dual Remotes, 23.1x30 Tires
Was ~~$13,800~~
NOW ONLY **$12,800**

MF 2745 DIESEL TRACTOR
1979 w/Cab, Air, Heater, Approx. 140 HP, 24 Speed Power Shift, Duals Tag UT1203
~~$8,500~~
Come & Get A Good Deal!

CASE DAVID BROWN 1210 DIESEL TRACTOR



Approx. 65 HP Rating, Hyd. Dump Loader w/65" Bucket, 18.4x34 Tires - Approx. 35%, Gear Shift Transmission
$5,680

CASE 2390 CAB TRACTOR

Heat, Air, Power Shift, 20.8x38 Radial Tires - Approx. 75% (Wts. Not Included). A Good, Sound One Owner Tractor. Tag No. UT1177
SPECIAL **$15,800**

SAVE $2,000
IH 584 ROW CROP TRACTOR

16.9x30 Rear Tires w/Approx. 60%, Approx. 3900 Hrs., Has New Clutch. Tag No. UT1179
Was ~~$7,900~~
NOW ONLY **$5,800**

CASE 1070 DIESEL TRACTOR w/PARTIAL CAB

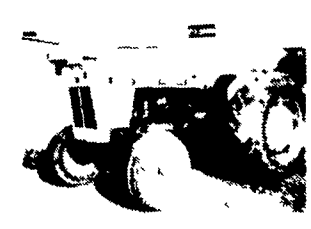
Power Shift, Tag No. UT1185
BUY AS-IS FOR ONLY
$3,650

MF 65 TRACTOR
Gas Powered w/Narrow Front. Tag UT 1201
$1,750

IH 826 HYDRO DIESEL TRACTOR

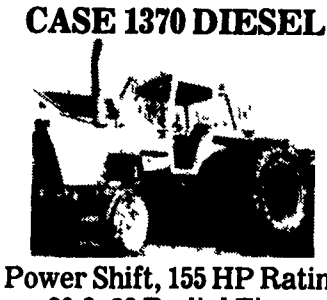
Hydro Tested & Proven OK, 3 Pt. Hitch, Dual Hyd. Remotes, Approx. 4608 Hrs. 18.4x34 Tires - 60%. A Good Solid Tractor UT1172
Was ~~$4,750~~
NOW ONLY **$3,850**

DAVID BROWN 990 DIESEL TRACTOR 50+ H.P.



1970 Model In Good Shape Tag No. UT1130
Was ~~$3,500~~
NOW ONLY **$2,950**

CASE 1370 DIESEL



Power Shift, 155 HP Rating 20.8x38 Radial Tires (Duals Not Included). Motor Just Re-done w/Sleeves & Rings. UT 1171
Was ~~$11,800~~
NOW ONLY **$9,800**

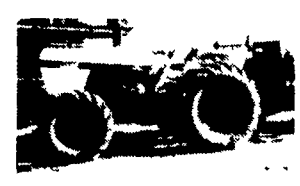
MF 1085 DIESEL 81 H.P. Rated

16.9x38 Good Rubber, Standard Trans. w/No Multi-Power, Twin Hyd. Remote Outlets, Good Heavy Cast Rear Wheels. In Excellent Mechanical Condition, All It Needs Is A Good Home.
Was ~~$7,605~~
NOW ONLY **$6,850**

SAVE $2,000 STEIGER WILDCAT ST 210

1977 Model, Cab, Air, Heat, Radio, Caterpillar, 3208 Engine, 3 Remote Outlets, 3 Pt. Hitch w/ Quick Hitch, 18.4x34 w/Duals, 2325 Hrs., Local One Owner Tractor
Was ~~$14,800~~
NOW ONLY **$12,800**
w/Financing Available

SAVE $5,000
On An All Wheel Drive 70 H.P. CASE 1490 DEISEL TRACTOR



12 Speed Transmission. A Clean Tractor w/Low Hrs. Tag. No. UT 1128
Was ~~$15,800~~
NOW ONLY **$10,800**

CASE 1835 B DIESEL UNILOADER

1981, Good 60" Utility Bucket w/Good Edge, 10.00x16.5 Tires, Paint Fair. Tag No. UT1194
SPECIAL **$7,900**

CASE 2090
Cab, Air, Heater, Power Shift, 18.4x38 Tires, Approx. 1300 Hrs.
$16,500

CASE 1830 GAS UNILOADER
Late 1976 Model w/ROPS Cage, Approx. 1450 Hrs., Good Paint. UT 1195
$5,960

FORD 801 TRACTOR

Select-O-Speed, Loader, 3 Pt. Hitch
Was ~~$1,780~~
NOW ONLY **$1,580**
You Buy As Is - You Haul Away

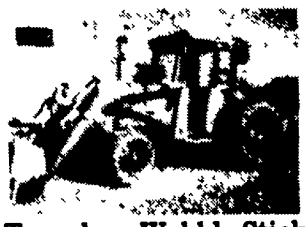
CASE 1816C UNILOADER

1983 Model w/44" Bucket, Approx. 764 Hrs.
Was ~~$4,450~~
NOW ONLY **$3,850**

Older Style IH
CUB CADET
10 H.P. Kohler Engine, Gear Drive Riding Tractor w/Like New Front Mount Snow Blade & Used Mower Deck
SPECIAL **$480**

USED CONSTRUCTION EQUIPMENT

IH 2400 INDUSTRIAL GAS POWERED LOADER TRACTOR



Trencher, Wobble Stick Controls. Plus A Rear Mount Trencher Goes w/This Unit
Tag No. UT1107

SPECIAL **$2,900**

A GOOD SOUND CASE 850 DIESEL CRAWLER LOADER TRACTOR

Teeth On Bucket, Rear Mt. Ripper, Good Undercarriage

SPECIAL **$13,800**

You Won't Go Wrong With A Good, Sound, Older Machine Like This!

You Won't Find Another One Like This!

OLIVER CLETRA CRAWLER

Manual Angle Dozer Blade, 4 Speed Trans. - Ahead of Factory 3 Speed Trans., PTO & Belt Pulley, New 6 Volt Battery - It Works!

$1,480

P.S. Would maintain hunting camp driveway!

1982 CASE MODEL 586 DIESEL 14 FT. HEAVY, ROUGH TERRAIN FORKLIFT

Lifts Approx. 6,000 Lbs., Hyd. Side Shifter, Approx. 1100 Hrs. Or Less. Ready To Work. Tag No.UT 1138
Was ~~$16,300~~

SPECIAL **$15,850**

USED TRACTORS & SKID LOADERS

Leaders In Mid-Power Efficiency

1984 CASE 1594 DIESEL TRACTOR

w/Cab, Air, Heat, Low Hrs., 18.4x38 Rear Tires, Power Shift w/Grill Guard.
Tag No. UT 1133

~~$15,800~~

COME & MAKE A GOOD DEAL!

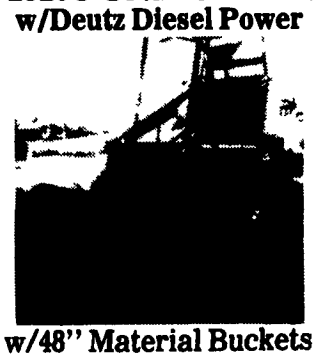
MUSTANG MODEL 345

w/4 Cyl. I98 Ford Industrial Gas Power, Hyd. Drive, Good 60" Bucket - Ready For Work. SN 1447

$6,800

Come & See To Appreciate

1982 CASE MODEL 1816C UNILOADER w/Deutz Diesel Power

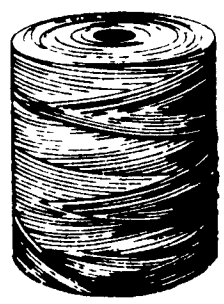


w/48" Material Buckets
Good Tires **$2,950**

USED CASE 1845B DIESEL UNILOADER

1983 w/Approx. 3300 Hrs., Fair Tires - 12.00x16.5, 73" Dirt Bucket, Good Solid Motor & Driveline.
Tag No. UT 1157

ONLY **$9,900**



CLOVER TWINE
9,000 Sisal

Check w/Us For Your Baler Twine Needs

SAVE $700 ON A MF MODEL 820 WING DISK w/SPRING BEARING HANGERS

Approx. 21-22 Ft. Hyd. Wing Fold Transport Disk w/9" Spacing On Front Gangs & 7½" Spacing On Rear Gangs. Blade Dia. Varies From 20" To 22", Gangs Are Spring Bearing Rock Flex Mounted. Reg. ~~$4,950~~

DISCOUNT SALE PRICE . . $4,250

Don't Wait For A Bargain!

IH MODEL 700 4 BOTTOM AUTO. RESET PLOW, Semi-Mount w/Gauge Wheels

Was ~~$2,250~~ **NOW ONLY.....$1,950**

MISCELLANEOUS SPECIALS... Check These Reduced Prices

BUY A SET OF DUAL Front & Fear, Shown Below AND SAVE!

Dual Your Tractor On Rear And Front:

- 20.8x38 8 Ply Armstrong Mounted On Circuloc Rims
- 16.9x28 6 Ply Armstrong Mounted On Circuloc Rims

BUY COMPLETE SET FOR $2,275

In Stock!

Almost New Mechanical Transplanter Model MT 122B3

3 Pt. Hookup 3/60 Gal. Poly Tank, 1 Row, Rubber Packing Wheels & Cushion Seats
SPECIAL

$668

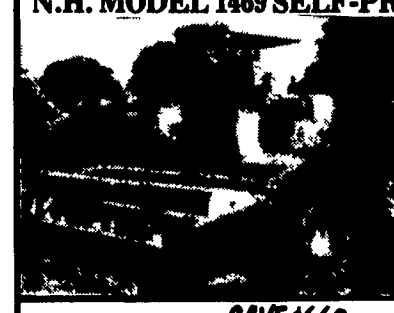
GOOD USED TILT TRAILER

6'x10' Long w/2700 Lb. Cap., 6.78x14 Tires

ONLY **$750**

SAVE $2,000

N.H. MODEL 1469 SELF-PROPELLED HAYBINE



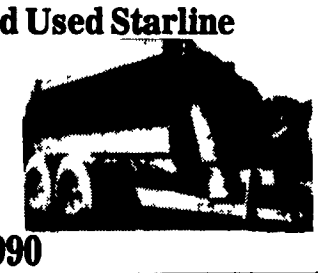
w/Newly Rebuilt Motor

Was ~~$5,900~~

$3,900

SAVE $660

On A Good Used Starline TANDEM AXLE TANK SPREADER



~~$3,650~~
DISCOUNT TOW-AWAY PRICE . . . $2,990

See Us For The Full Line Of CASE IH MACHINERY

We Have Several In Stock!

Handiest tool on the farm

Case International Rear-Mounted Blades

These blades are adaptable for so many jobs you'll wonder how you ever got along without one. Six models all with high-carbon steel cutting edges designed to cut not scrape through tough soils. A wide range of angle and offset adjustments let you handle jobs all around the farm — ditching, road grading, backfilling, feedlot cleaning and snow clearing.

Sizes In Stock:

(1) MODEL 30 w/8 Ft. Blade Manual Adjust For Up To 60 HP
(2) MODEL 20 w/8 Ft. Blade Manual Adjust For Up to 50 HP
(1) MODEL 15 w/7 Ft. Blade Manual Adjust For Up To 35 HP

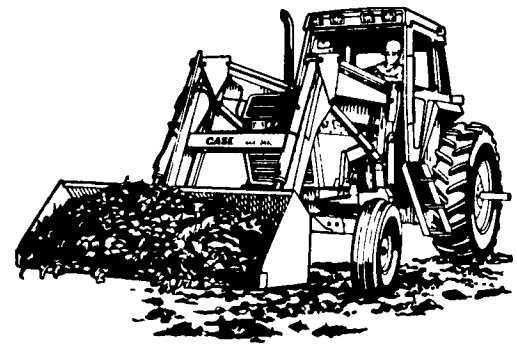
MAKE A GOOD DEAL NOW!

Only One In Stock...

NEW CASE IH MODEL 96L QUICK ATTACH LOADER

To Fit Case IH Model 1896 to 2096 2 WD Tractors.

Easy on... easy off... in minutes!

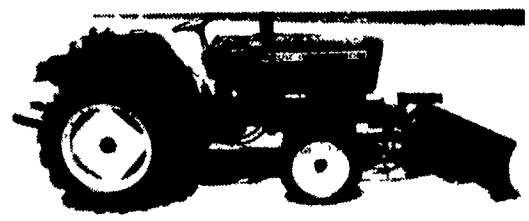


Case International Loaders

You can attach or remove a Case International loader in just minutes freeing your tractor for field work immediately

83" Bucket, Powered From Your Tractor Remotes. Complete w/Mounting Kit.

YOU HAUL AWAY FOR ONLY..... **$3,665**



MAKE YOUR TRACTOR A SNOW PUSHER NOW!

By The Time You Read This Ad, We Should Have In Stock A Front-Mount Dozer Blade To Fit Case IH 200 Series, 244 & 254 Tractors

BINKLEY HURST BROS. INC.

SALES PARTS SERVICE

133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
(717) 626-4705
Hours Mon.-Fri. 7 AM - 5 PM, Sat. 7 AM - 11:30 AM
Sun. Closed - Lord's Day

MISCELLANEOUS SPECIALS...Check These Reduced Prices!

3 Pt. Hitch SUB-SOILER

Dig Up That Hard Pan w/Your Small To Medium Size Tractor.

Reg. Price $115

SPECIAL.....**$98**

3 PT. ROUND BALE SPEAR

Weight: 105 Lbs.
Take Your Pick

ONLY **$130** EA.

While They Last
Get Yours Now!

SOUTHEAST Brand

THE FARM WORKHORSE IS NOT A TOY & IS WAITING TO WORK FOR YOU!

Brand New American-Built
SASQUATCH 9 H.P. 3 WHEELER
w/Heavy Duty Variable Speed And Reverse For Only ~~$1,750~~

DISCOUNT SALE PRICE **$1,390**

MANY USES, INCLUDING:

- Use In Moving Irrigation Systems, Etc.
- Seeding w/Mounted Spinner Seeders
- Spraying
- Pulling Carts
- Hauling Feed In Rear Carrier Racks

One New Big Ox 72" ROLLOVER 3 PT. BOX LANDSCAPER

w/7 Ripper Shanks

Must See To Appreciate

Tag. No. 1254 - Last One

List...~~$948~~

DISCOUNT SALE PRICE.....**$596**

Big Ox 84" ROLLOVER 3 PT. BOX LANDSCAPER

w/8 Ripper Shanks, Model ROB84

Last One List.....~~$1,016~~

DISCOUNT SALE PRICE.....**$650**

SOUTHEAST BX OH20 3 PT. QUICK COUPLER HITCH

Cat. II - Makes Hitching Your Tractor A Lot Easier, Rated Up To 150 HP - Last One In Stock

List....~~$312~~

DISCOUNT SALE PRICE.....**$230**

GEHL MODEL 350 TANDEM AXLE WEB SPREADER

w/Hyd. Endgate, UM1010 (same as Knight)

Was...~~$2,600~~

NOW ONLY **$2,250**

Never Used... 42" MATERIAL BUCKET

7.7 Cu. Ft., To Fit Gehl Model 360 Skid Loader.....ONLY **$185**

10 Ft. Husky Transport-Type MANURE PUMP, MODEL C72

Used Less Than 1 Year

~~$1,780~~ NOW ONLY **$1,480**

JD 3 Pt. 12 Shank CHISEL PLOW w/Gauge Wheels

Good Paint, Approx. 27"

Clearance

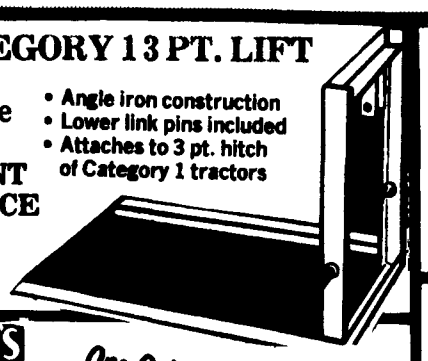
~~$1,450~~ NOW ONLY **$1,170**

CATEGORY 1 3 PT. LIFT

Reg. Price ~~$45~~

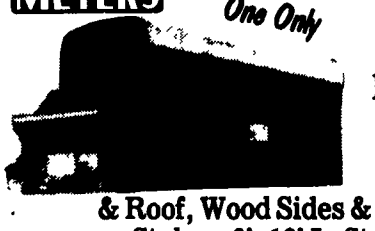
DISCOUNT SALE PRICE **$39**

- Angle iron construction
- Lower link pins included
- Attaches to 3 pt. hitch of Category 1 tractors



MEYER'S 518 FORAGE BOX

One Only



w/3 Beaters & Roof, Wood Sides & Wood Stakes, 6'x16' In Stock

DISCOUNT SALE PRICE **$4,350**

KUHN & BUSH HOG 3 PT. ROTARY TILLERS IN STOCK AT DISCOUNT CLOSE-OUT PRICES!

- Bush Hog Model RTL 52" 3 Pt. Tiller List...$1,266

DISCOUNT SALE PRICE.....**$1,095**

- Bush Hog Model RTL 60" 3 Pt. Tiller w/Slip Clutch List...$1,446

DISCOUNT SALE PRICE.....**$1,250**

- Kuhn Model EL 35/130 3 Pt. 50" Tiller w/Slip Clutch & Gauge Wheels List...$1,355

DISCOUNT SALE PRICE **$1,075**

- Kuhn Model EL 35/92 36" PTO-Tiller w/Slip Clutch & Gauge Wheels List...$1,275

DISCOUNT SALE PRICE **$795**

- Kuhn Model EL 50/155 3 Pt. 60" Tiller w/Slip Clutch & Gauge Wheels List....$1,865

DISCOUNT SALE PRICE **$1,445**

Don't Wait...Only A Few Left!

Save $300 On A Like New Glencoe 14 Ft. TRANSPORT FIELD CULTIVATOR

10½' w/Folding Wing Sections For Easy Transporting Width, 2" Reversible Shovels, Less Hyd. Like New, UM 1056 ~~$1650~~

DISC. TOW-AWAY PRICE.....**$1,350**

One New McCurdy CROSS FILL AUGER

For Your IH 6 Row Model 800 Cornplanter. Tag No. 1700

List...~~$1,075~~

DISCOUNT SALE PRICE **$795**

PACER 6 FT. 3 PT. LANDSCAPER

Model LS 72", 6 Ft.

Only On Available

List...~~$646~~

DISCOUNT SALE PRICE **$586**

Only One Left...Brand New SPEED KING HEAVY DUTY TRANSPORT GRAIN AUGER

10" Dia. x 51', PTO

List...~~$2,730~~

DISCOUNT SALE PRICE.....**$2,578**

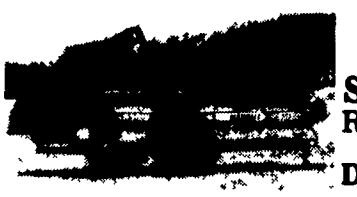
Only One Left...Southeast ROUND BALE FEEDER

Model RF 99L w/8" Dia. x 48" High w/15" Feedsaver Panel & 4" Leg Extensions To Raise Out Of Mud

DISCOUNT SALE PRICE **$88**

NEW KNIGHT 252

Regular Type w/Top Beater, Lower Spinner Beater For Fines or Slop, Hyd. Endgate, Single Axle Undercarriage. One Only

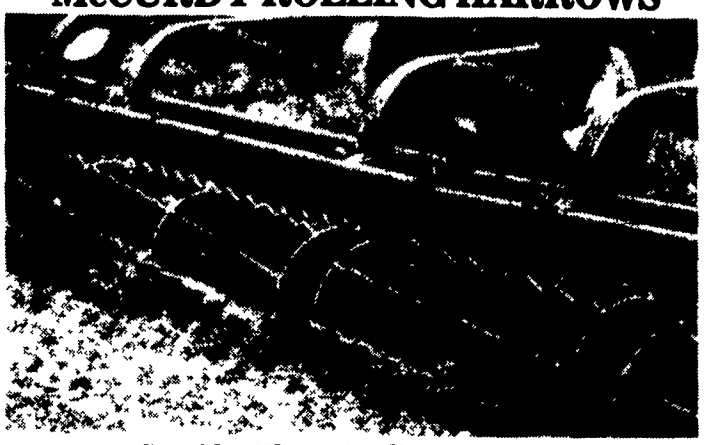


SAVE $1,000

Reg. Price .....~~$5,990~~

DISCOUNT PRICE.....**$4,990**

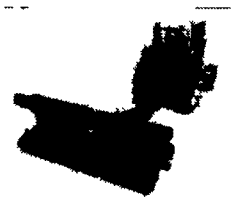
McCURDY ROLLING HARROWS



Consider These Quality Features:

The UM Rolling Harrow features the traditional quality materials and workmanship you have come to associate with Unverferth-McCurdy products. In addition, these unique design features add function and convenience to this advanced tillage tool.

Dual wheels on two axles provide transport stability, even on the largest models.



Flat folding wings are operated hydraulically from the tractor. They fold a full 180° into a compact unit for transport.

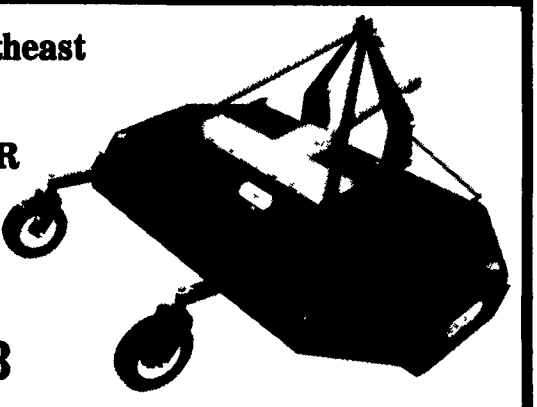
- RH 10'7" Rolling Width..... List $3,170

DISCOUNT SALE PRICE.....**$2,695**

- RH 13'5" Width, 5' Wings, 23' Rolling Width

List $5,435 DISCOUNT SALE PRICE.....**$4,990**

New Leftover Southeast MODEL RC 120 10 Ft., Pull-Type ROTARY CUTTER



w/15" Wheels & Used Tires.

List Price...$3,195

ONE ONLY

SALE PRICE.....**$2,083**

Attention Gardeners & Horse Owners DUMP AND CARRY

Ideal For Stable Cleaning & Farm Chores. Ideal For The Small Farmer's Uses. Install This Unit On Your Small Tractor And Get In Tight-Cornered Stables, Etc.

$295

NEW SOUTHEAST GOOSENECK TRAILER

One Only

- Pene-treated pine wood floor
- Gooseneck jackstand
- ICC lights with Berg connector
- Dexter axles with multi-leaf spring
- Automotive 8-bolt hubs with 16" rims
- Chrome hubcaps
- Stake pockets with rub rail
- Removable hide-away ramps (fully adjustable)
- 6 ton capacity

MODEL	BRAKE AXLE	HITCH TYPE	DECK WIDTH	DECK LENGTH	DECK HEIGHT	OVERALL LENGTH	DECK MATERIAL	TIRE SIZE	CAPACITY	WEIGHT	COLOR
G1021	3 (electric)	3 Gooseneck Ball	96	20	36	26 0	? Pine (Treated)	7 50x16	12000 lbs	4000 lbs	SOUTHEAST RED

DISCOUNT SALE PRICE.....**$3,290**

ALLIS CHALMERS 4 ROW CORN PLANTER

w/No-Till Coulters, Dry Fertilizer, Monitor In Very Good Condition, For 38" Rows. Some New Parts Included. Tag No. UM1014

Was.....~~$1,950~~

NOW ONLY..... **$1,650**

N.H. MODEL 80 3 PT. ROUND BALE MOVER

(Less Cylinder, UM 1017

Was....~~$365~~

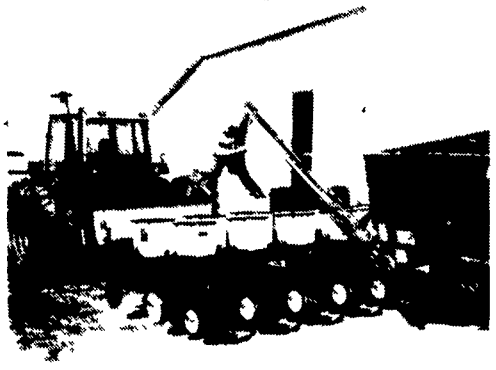
NOW ONLY.... **$260**

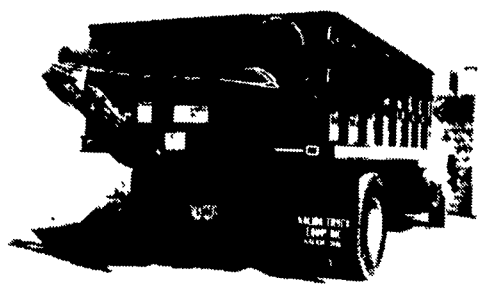
MISCELLANEOUS SPECIALS···Check These Reduced Prices

SAVE $ $ $ BY BUYING YOUR FERTILZIER IN BULK

Use This Attachment On Your Truck. Get Ready For Spring

HYDRAULIC TRUCK AUGER
12 Ft. Folding





$615.00

OR PULL THIS GRAVITY BIN BEHIND

YOUR PICKUP WITH AN AUGER ATTACHMENT

To Handle Your Fertilizer And Small Grain, The Easy Way!

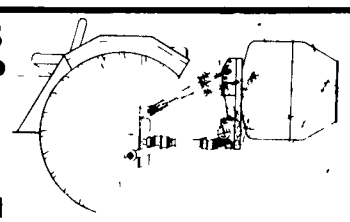
$517.00

Filling Planter Hoppers

IDEAL FOR THAT SMALL CONCRETE JOB

BRAND NEW 3 PT. HOOKUP CEMENT MIXER

540 PTO Drive, Mix Capacity Approx. 84.5 Gallons
Most Competitive Models Priced Well Over $800

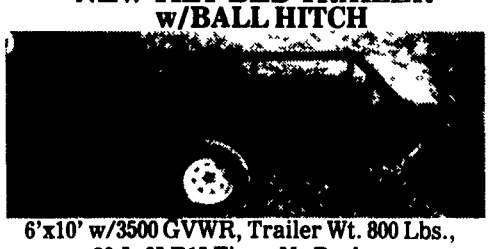


Reg. Price...~~$485~~

DISCOUNT SALE PRICE $445

- Used Grove 2 Beater Forage Box w/No Roof, Mounted On Grove Wagon w/11Lx15 Tires ..... Discount Sale Price $595.00
- Used Dunham Model 22 Loader w/Hyd. Dump, Fork w/Wrapper Plate Slip-On Bucket Conversion To Create Bucket For Material & Semi-Solid Manure Handling, Mounting Bracket To Fit IH 574 Tractor ..... Discount Sale Price $975.00
- Used Glencoe 9 Shank Soil Saver... Reg. Price ~~$2,895~~ $2,695
- Used General Eager Beaver 6 Ton Tag-A-Long Trailer w/Extra Axle Conversion Installed To Make 9 Ton Capacity...Reg. Price ~~$2,550~~ ..... Cash Tow Price Only $2,190.00
- Never Used Dual Tractor Mount Loader Attachment w/Bracket To Fit 8600 Ford Series & Others, No Hoses Or Valves Included, All Cylinders Included, 84" Bucket, Tag UM1062, Was ~~$1,795~~ ..... Now Only $1,380.00
- Never Used 540 PTO Wetmore Grinder Blower, Tag UM1061...Was ~~$2,250~~ ..... Now Only $1,950
- Save $3,000 On A Steel Structure Approx. 40'x110' Long With Bar Joists, 2 Overhead Doors w/Automatic Openers, Less Siding And Roof...Was ~~$7,900~~ ..... You Haul Away Now Only $4,900.00
- Manure Fork, 6 Ft., Like New, To Fit Case 1845 C Uniloader, Tag UM 1031 ..... ~~$550~~...$497.00

NEW TILT-BED TRAILER w/BALL HITCH

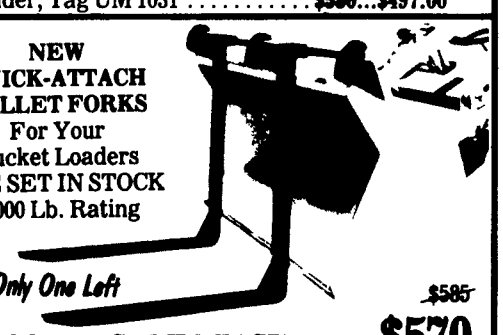


6'x10' w/3500 GVWR, Trailer Wt. 800 Lbs., 20.5x65 R15 Tires, No Brakes

GET A WELL-BUILT TRAILER FOR ONLY **$780**

NEW QUICK-ATTACH PALLET FORKS

For Your Bucket Loaders
ONE SET IN STOCK
4,000 Lb. Rating



Only One Left

~~$585~~

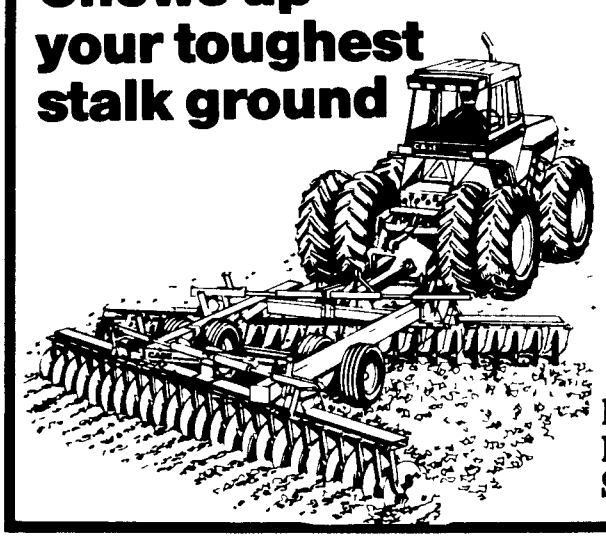
DISCOUNT SALE PRICE $570

SAVE $1,000 ON A SET OF 4 WHEELS AND TIRES

New Demo, Case Diesel Wheel Set of 4 Units w/Complete Bolt-On Hardware & New Tires, Ready To Mount On Your Case 90 Or 94 Series 4 Wheel Drive Tractor.

~~$5,600~~ **DISCOUNT SALE PRICE $4,680**

Chews up your toughest stalk ground



USED IH MODEL 770

Like-New Condition In Stock

- 12' Working Width
- Standard Bearing Hangers
- All Hydraulics Included
- Dual Transport Wheels w/ Flotation Tires
- Good, Heavy Earth Metal Blades w/Approx. 23" Dia. Front Gangs & 22" Dia. Rear Gangs

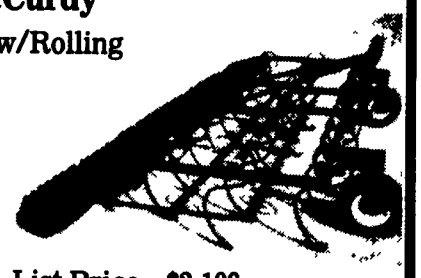
LIKE NEW, DISCOUNT SALE PRICE $4,750

NEW FIELD CULTIVATORS

by McCurdy

10'6" 3 Point Field Cultivators w/Rolling Baskets & S Tines

10'6" Width
List Price $1,900
REG. PRICE ..... ~~$1,775~~
DISCOUNT SALE PRICE .. $1,655

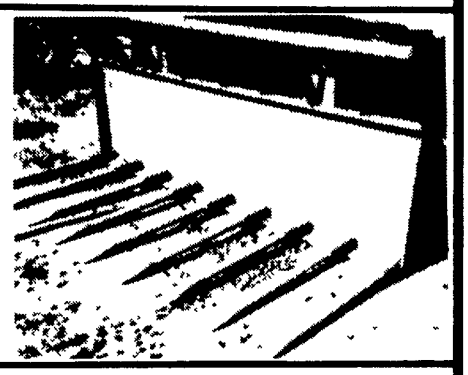


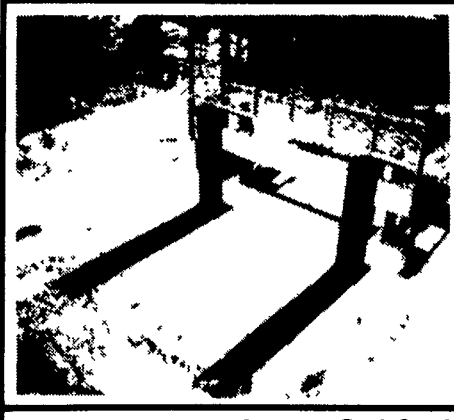
• 13' Width
List Price...$2,100

REG. PRICE..... ~~$1,995~~
DISCOUNT SALE PRICE..... $1,895

WE SELL MANURE FORK ATTACHMENTS

For All Popular Make Skid Loaders At **DISCOUNT PRICES**





WE SELL PALLET FORK ATTACHMENTS

For All Popular Make Skid Loaders

NEED A REPLACEMENT BUCKET?

See Us For HEAVY DUTY REINFORCED BUCKETS
They're Much Heavier Than The Originials!
Example: 66" UTILITY UNLOADER BUCKETS FOR Case 1830 & 1835 Uniloaders

We Build To Order...Let Us Know What Size And Make You Need! ONLY..... **$495**

NOTICE...Buy At The Old Prices While They Last!

TAG-A-LONG TRAILERS

Check Our New, Increased Weight Specifications

Save A Bundle

SOUTHEAST® BIG OX

SPECIFICATIONS:

Axles 2	Color ..... Yellow
Brake Axles 2	GVW ..... 12,005 Lbs.
Hitch ..... 2 5/16" Ball	16 Ft. Model
Deck Material ... Oil treated 2" pine	Deck Width ..... 76"
Tires 8x14.5	Deck Height ..... 19"
Capacity ..... 10,000 Lbs.	

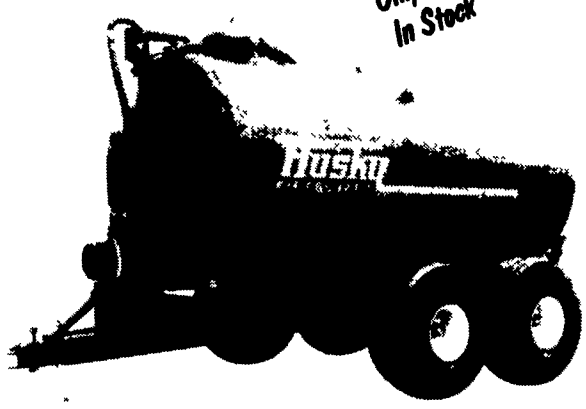
Removable Bolts On Fenders Are Included In Price

- **TT14** Deck Length: 14 Ft. List ~~$2,465~~ SALE **$1,695**
- **TT16** Deck Length: 16 Ft. List ~~$2,535~~ SALE **$1,755**

MISCELLANEOUS SPECIALS...Check These Reduced Prices

VACUUM TANKERS

MODEL 12000L
3000 GAL. VACUUM LIQUID SPREADER
w/18x22 Used Truck Tires



25 Years of Experience In Manure Handling.

The Husky Vacuum Tanker is the best.

Designed for continuous use and long life.

Truck mounts for industrial use.

Tandem spreaders for farm use.

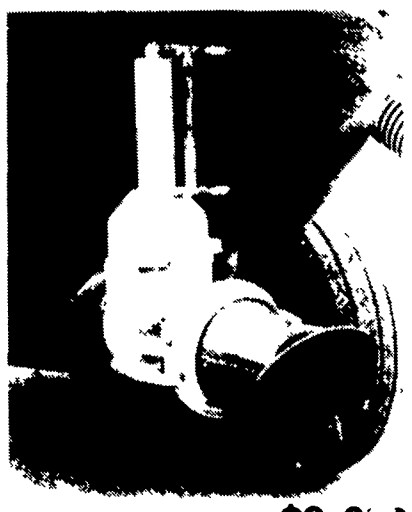
Sizes from:
7000 litre (1800 gal) to
18000 litre (5000 gal)

We custom build for special applications.

5 YEARS UNCONDITIONAL AXLE WARRANTY

QUALITY BUILT IN

FEATURES
- 6mm Tank with dished ends
- New tanker lined inside against rust with special coating
- Fully baffled
- Access hatch
- Level sight gauge
- 210 CFM vacuum pump, larger than normal size
- 6" (150mm) vac hose
- Secondary moisture trap
- Positive float shut off
- Vacuum pump supplied with high heat vanes



Tag No. 1672

One Only In Stock

List Price.....~~$15,020~~

SPECIAL CASH & TOW-AWAY PRICE $9,680

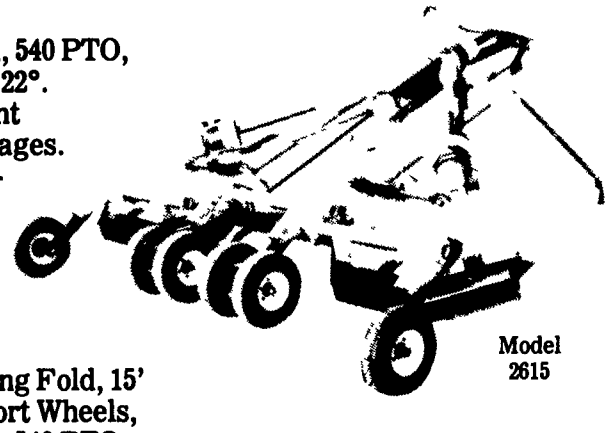
HAULING TANKS

If you have a special truck or flotation vehicle, Husky can help to make the mounting easy.

CALL US NOW!

TWO NEW BUSH HOG FLEX WING ROTARY CUTTERS IN STOCK, DISCOUNTED TO SELL NOW!

Three Section Wing Fold, 540 PTO, Flexes Up 90° and Down 22°. Economical And Efficient For Use On Larger Acreages. Minimum HP Required - 50. With Hydraulic Folding Lift Cylinders, Optional, Rear Safety Shield, Band Cover



Model 2615

- **MODEL 2615** - Hyd. Wing Fold, 15' Cutter w/Dual Transport Wheels, Single Wheels On Wing, 540 PTO
  List...~~$8,106~~
  BUY NOW AT....$6,125

- **MODEL 1220 R** - 1000 PTO w/Hyd. Lift & Wings, Dual Transport Wheel, 8' Transport Width, 20' Mowing Width, Fold Down 22% & Up 90%
  List....~~$10,993~~
  BUY NOW AT.....$7,995

UNIVERSAL LOADER w/ADJUSTABLE FORKS

Model ULF-3010
Shipping wt. 410 lbs.

A Worksaver exclusive, this loader's adjustable width forks let you easily handle pallets, bale feeders, and round bales up to 3000 lbs. Fits Category II standard and quick hitches or double cylinder front end loaders with a load center arm distance of 46 inches or less. Features removable center stabilizer spike for safety.

Reg. Price...~~$495~~
DISCOUNT SALE PRICE $425

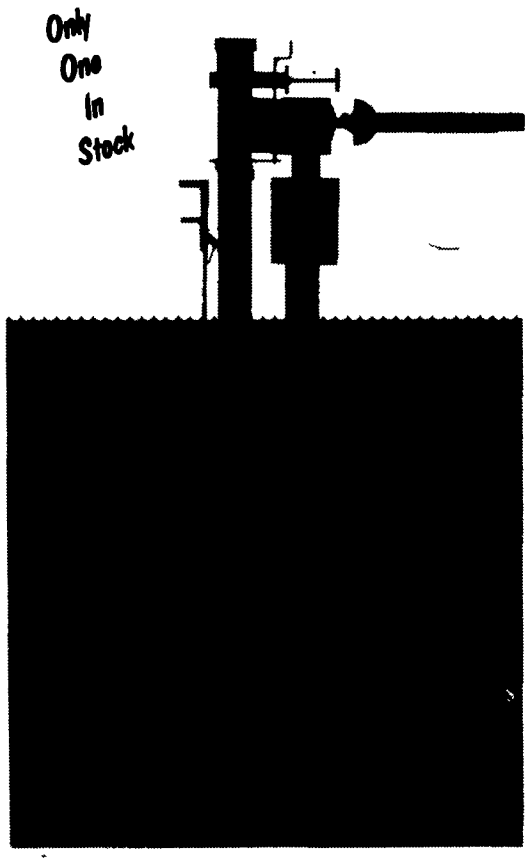
HUSKY® MODEL K31 TRANSPORT PUMP

Hauling liquid manure is not simply a case of plumbing. Agitation is a must. HUSKY does it best.

14000 LPM (3600 GPM) 70 hp

The HUSKY K31 Manure Pump is engineered for more GPM with less HP than most manure pumps.

Designed for 540 PTO speed with average size tractor feeding your larger tractor for hauling spreader.

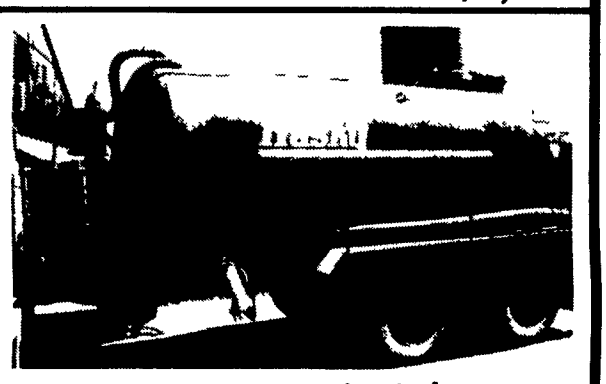


FEATURES
- Capacity up to 14000 LPM (3600 GPM)
- 6" discharge pipe 15 ft. long. Quick disconnect flexible pipe rotates 360° for easy set up
- New Marine bearings water lubricated, acid resistant, long life
- Dual agitators
- Adapts to pits up to 14 ft. deep
- Heavy duty gearbox and PTO with shear pin
- Set-up is totally hydraulic

List Price.....~~$5,195~~

SPECIAL CASH & TOW-AWAY PRICE..... $3,395

HUSKY TRUCK-MOUNT VACUUM PUMP



Standard Items:
Electric Hyd. Unit incl. Coal Tar Epoxy Coating Std. 6" HYD Discharge on Vacuum 15 Ft. Suction Hose on Vacuum 6 Mounting Brackets incl. Manual Hatch incl.

Built To Order...Call Now!

KUHN EQUIPMENT

Discounted To Move!

KUHN MODEL GA 300 GT 3 PT. HAY RAKE

MODEL GA 300 GT

10'6" Wide
Fitted with an articulated frame for quick and easy handling, and 9 tine arms to the rotor, the GA 300 GM GYRORAKE is a high output machine, 15/6x6 balloon tires fitted as standard

Reg. Price...~~$2,177~~

DISCOUNT SALE PRICE..... $1,352

KUHN MODEL GA 402N RAKE

Due to its large working width, the GA 402 N produces an ideal swath for round balers and high capacity forage systems The articulating 3-point frame allows the GA 402 N to adopt the regular raking characteristics of a fully towed machine
15/6x6 balloon tires fitted as standard to give improved stability when working on soft or irregular ground

13' Raking Width 3 Pt.

Serial No. 3900

Reg. Price. ~~$2,655~~

DISCOUNT SALE PRICE..... $1,650

MODEL GF440T 13' PULL TYPE TEDDER

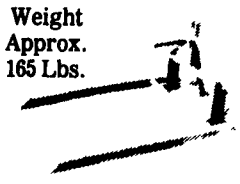
Adjustable Wheels
One Only
Serial No. 3900

Reg. Price...~~$2,350~~

DISCOUNT SALE PRICE..... $1,750

IMC ROUND BALE CARRIER

Weight Approx. 165 Lbs.

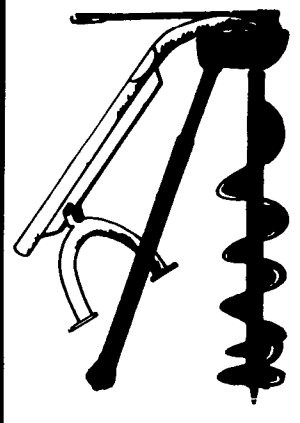


ONLY TWO IN STOCK

~~$195~~

DISCOUNT SALE PRICE . $185

SPECIAL ON NEW 3 PT. HOOKUP POST DIGGERS



- w/9" Digger
  One Only..... ~~$325~~
  DISCOUNT SALE PRICE . $270
- w/12" Digger... ~~$345~~
  DISCOUNT SALE PRICE . $290

Clear-Our Prices... Get Yours While They Last!

GEHL QUALITY AT TREMENDOUS SAVINGS

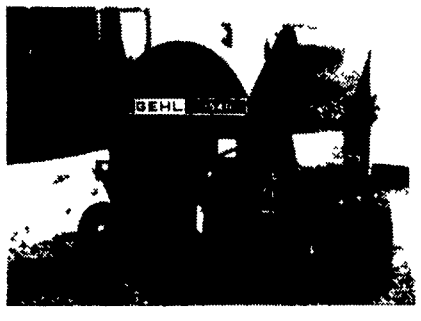
Don't Overlook These Give-Aways!

Buy High Performance At Big Discounts

GEHL FORAGE BLOWERS IN STOCK

THE ULTIMATE FOR AGE BLOWERS ARE HERE 1540...1580

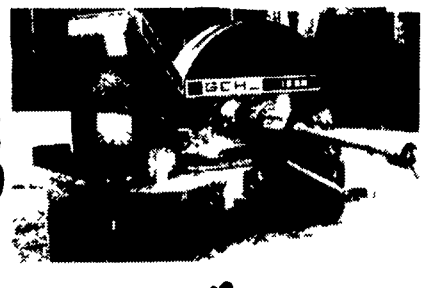
- 54" Fam Diameter
- Up to 735 rpm nominal fan speed
- 540 or 1000 rpm drive
- 16 Paddles, (8 on each side of the fan disc)
- Twin spinner delivery system
- Swing-Away outlet for easier pipe cleanout
- Adjustable left axle for easier placement at the pipe
- Water injection system into fan area AND at spinners
- Easily removable tunnel covers
- Non-Clog air vents
- PTO storage bracket
- Plus capacity that everyone has been looking for



HAYLAGE SPECIAL

- **Gehl Model 1540 Blower**
  540 PTO
  List...$3,665
  REG. PRICE...$2,936
  DISCOUNT SALE PRICE ... **$2,390**

- **Gehl Model 1580 Blower**
  540 PTO List...$4,275
  REG. PRICE...$3,399
  DISCOUNT SALE PRICE ... **$2,849**
  One Available



- **Gehl Model 1580 Blower**
  w/Heavy Duty 1000 RPM PTO
  List...$4,004 REG. PRICE...~~$3,285~~
  DISCOUNT SALE PRICE **$2,950**
  Only Two Left - Don't Wait!

Get Yours Before They Are Gone!

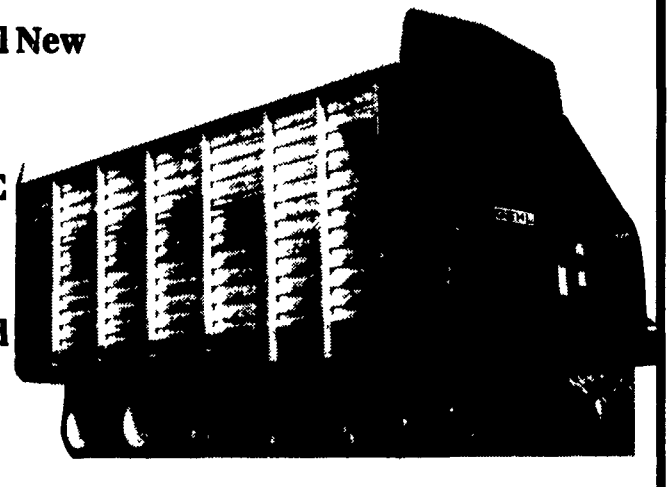
Save By Grinding your Own Feed Now

NEW GEHL 100
w/Digital Scale, your Choice Of 2 Screens, Hyd. Augers, Big 21" Mill w/66" Hammers
Stock No. 1095

List Price ..... ~~$10,652~~
REG. PRICE ..... ~~$8,650~~
DISCOUNT SALE PRICE..... **$7,890**
Last One In Stock!

THE TIME TO BUY IS NOW, WHILE WE'RE CLEANING OUT THE CORNERS!

Try An All New GEHL MODEL 970 FORAGE BOX With A New, Improved



DRIVE SYSTEM And A NEW WARRANTY

Investing today in the future of agriculture

10-Year Warranty
On sides, endgate, stakes, platform and roof.

GEHL®

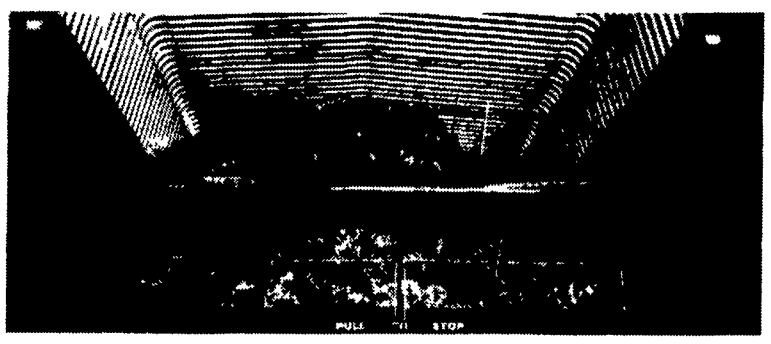
THE HIGHEST QUALITY AT THE BEST PRICE

The Gehl tradition of building the best forage boxes is well known. Gehl forage boxes traditionally maintain a high resale value. The Model 970 continues the tradition with added features that increase unloading speed, capacity, strength and ease of maintenance.

The first thing you'll notice about the 970 is the steel sides. They're made from 20 gauge GEHLSTEEL. GEHLSTEEL is superior to hot-dipped galvanized, Galvalume™, electrolytic galvanized and aluminized steels.

It has far better corrosion resistance and a longer life expectancy. Even if scratched, there is little chance that rust will appear.

Study the Model 970 and see all the features that make it the best performing forage box on the market. Then study the new low price. You'll agree that the Gehl 970 is the best forage box value available today.



The Even-Feed third beater features extended tines to break up clumps and provide smoother crop delivery into the cross conveyor. Fewer clumps falling onto the conveyor and into the blower means reduced unloading time — up to 25% depending on the crop — and reduced front-end spillover. It also means less horsepower is required to operate the blower.

Also note that the front of the roof and side sheets are extended forward eight inches to reduce crop loss from excessive cross winds.

We Have Several Left-Over Units In Stock Discounted To Go Now!

All Prices Are Without Running Gears

- **NEW GEHL MODEL 970** -6'x16' w/3 Beathers & Roof
  Start w/Tag No. 1102 List...~~$5,958~~
  While They Last! OUR REG. PRICE...~~$4,955~~
  SPECIAL CASH & HAUL PRICE NOW ONLY **$4,590**

- **NEW GEHL MODEL 970** -6'x18' w/3 Beaters & Roof
  List...$6,403 OUR REG. PRICE...~~$5,129~~
  ONLY ONE IN STOCK AT SPECIAL PRICE..... **$4,790**
  Mounting Extra

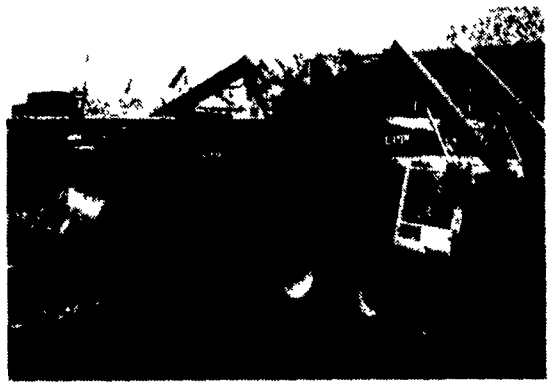
We Also Have Running Gears In Stock:
• 8 Ton • 10 Ton • 12 Ton
At Reasonable Prices

THE ONE SPREADER FOR A TWO-SPREADER FARM

THE NEW 300 SERIES GEHL LINE OF QUALITY SCAVENGER SPREADERS

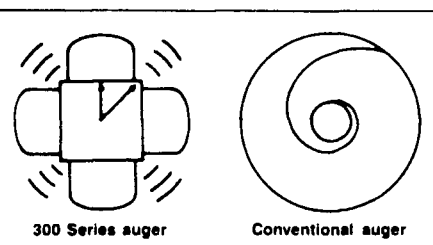
In Stock

A Gehl 300 Series manure spreader handles the types of manure produced today. It saves you time and money by bridging the gap between liquid and solid manure handling. It's the one tough, reliable machine built to cut right through your manure spreading problems. It's available in three sizes - with 912, 1621 and 2925 gallon capacities - so you can choose the one that best meets your operation's specialized needs. Manure from confinement housing can be quickly and easily loaded and delivered to your spreader with a versatile Gehl skid loader. The heaviest loads are no problem with a 300 Series manure spreader. It's built with heavy duty chain drive and rugged construction throughout. Your first glance will tell you the 300 is unlike any spreader you've ever seen.



HANDLES ALL KINDS OF MANURE — LIQUID, SEMI-SOLID, PEN PACKED, EVEN FROZEN

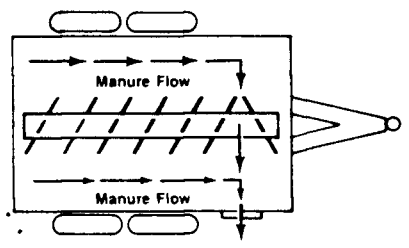
The Big Difference: A Square Auger



300 Series auger — Conventional auger

The right pitch is important because round augers with unusually large pitches often move manure too quickly to the front of the spreader where it overflows before the discharge is able to spread it

Hydraulic power helps the auger solve two of your biggest spreading problems. Move the auger up and down to chop through bridging. And in winter, park the auger in the up position, then power down to slice through frozen material



Fewer Moving Parts, Fewer Breakdowns

Let's face it...no one likes to handle manure. Or worse, struggle with broken-down manure handling equipment.

A Gehl "300" is a simple spreader. One with no unreliable flails. No leaky endgates. No brittle apron chains. A solid, durable spreader. With sealed, welded Unibody construction. Ruggedly built to give you top performance... year after year.

With a full 10-year warranty against rust-through on the tank.

A Gehl "300" is what every ordinary spreader is trying to be... the most machine for your money.

CASH TOW-AWAY PRICES

- **MODEL MS309** -912 Gal./192 Bu. w/Splash Guard, Good Tires & 540 PTO
  List ..... ~~$6,369~~
  CASH & TOW-AWAY PRICE..... **$4,680**

- **MODEL MS322** -2239 Gal. w/ Splash Guard, 19Lx16.1 10 Ply Tires, 1000 PTO, Tandem Axle
  List ..... ~~$14,330~~
  CASH & TOW-AWAY PRICE, ONE ONLY AT **$9,988**

- **MODEL MS315** -1621 Gal./345 Bu., 540 PTO, Good 10.00x20 12 Ply Tires, Splash Guard, Tandem Axle
  List ..... ~~$10,411~~
  SALE ..... ~~$7,790~~
  CALL OR STOP IN

- **MODEL MS524** -2400 Gal./257 Bu., Tandem Axle w/16.6x16.1 10 Ply Flotation Tires, Splash Guard, Tag No. 1602
  List ..... ~~$9,005~~
  CASH & TOW-AWAY PRICE..... **$6,649**

NOTICE... We Have ONE EACH At These Prices! *Replacement Units Will Probably Cost Us More Than What We Are Selling These Units For, So DON'T WAIT! Get A Bargain While They Last!*

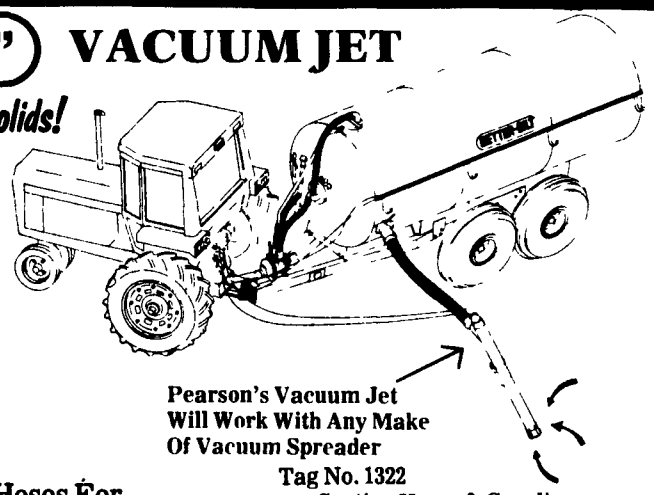
NOTICE... TAKE 50% OFF All Prices Shown Below

The Early Bird Gets The Bargain!

"BETTER-BILT" VACUUM JET

Break Up Those Impossible Solids!

- Pumps and Agitates
- Reduces Loading Time.
- Light Weight
- Saves Time.
- Does Not Filter Liquid From Solids
- Takes Solids From Bottom First
- Increases Lifting Abilities
- Agitation of Pit Not Necessary
- Access Through 8" Hole.
- Equal Distribution Of Manure For Fertilizer Value.
- No Ventilation Problem.



Pearson's Vacuum Jet Will Work With Any Make Of Vacuum Spreader

Tag No. 1322

Suction Hoses & Couplings From Tank To Pump Not Included In Price.

12 Ft. Long w/(2) 12 Ft. Hyd. Hoses For Tractor Remotes To Drive Hydraulically Powered Motor

Remember, Take 50% OFF And Get A Bargain! **Reg. Price...$1,495**

One Only...BRAND NEW COULTER-TYPE CHISEL

COULTER-TYPE CHISEL

- 15 Tooth Wing Model
- 18'9" Working Width
- Approx. 10,000 Lbs.
- Flat Fold

Reg. List Price...$15,600

BUSH HOG MODEL 1439 TRANSPORT DISK HARROW
16 Ft., Spring Assist Wing Harrow w/9" Spacing, 4 Transport Wheels, Scrapers, Buster Bar Leveling Attachment, Blade Dia. Approx. 17" (Hyd. Lift Cyl. Not Included) **$2,350**

PARTIAL CAB To Fit IH 826 Tractor Or Possibly Similar Models **$150**

J.D. 10 FT. TRANSPORT CULTIMULCHER

UM 1064 **$1,595**

GEHL MODEL 88 SILAGE BLOWER, 540 PTO, UM 1069
$280

GEHL MODEL 99 BLOWER
540 PTO
UM 1001
$400

GEHL MODEL 99 BLOWER
540 PTO
UM 1005
$1,295

MIDWEST TINE HARROW
(2) 6' Sections w/Single Mt. Bracket For Ea. Section, UM 1019 **$28**

NEW DIRT PLATES FOR MANURE FORK ATTACHMENTS

48" Wide **$76**

JOHN DEERE MODEL 930
16 Ft. 3 Pt. Roller Harrow
$1,380

IH MODEL 10 GRAIN DRILL
w/Grass Seed Attachment & Good Single Disk Openers **$475**

GLENCOE FIELD CULTIVATOR 12 Ft. Transport-Type In Fair Condition, Less Hyd. Cyl.
UM 1013 **$850**

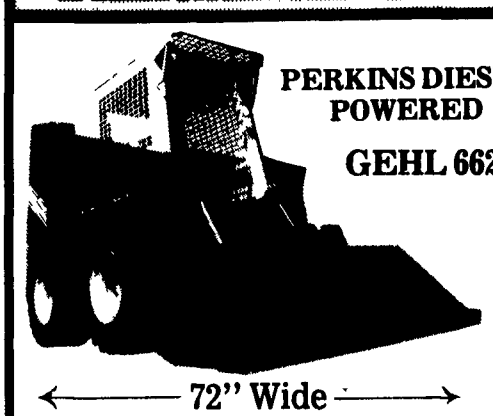
WHITE 5400 CORN PLANTER
1981 Model, No-Till 4 Row w/Seed Monitor & Alarm, Row Markers, Dry Fertilizer & Insecticide Attachments
UM 1015 **$4,950**

IH MODEL 700 5 BOTTOM AUTO. RESET PLOW w/Good Frogs & Moldboards, UM 1053
Remember, DEDUCT 50% OFF **$3,500**

REMEMBER...50% OFF THESE LOW PRICES

- Grill Guard Wt. Frame For 574 IH **$60.00**
- Right Hand Step For 1070/970/870 etc. **$25.00**
- H.D. Grill Guard For David Brown or Adapt To Your Tractor **$50.00**
- New 13' Steel Sideboards For Truck Or Wagon. **$50.00**
- 2 Wt. Frames/1 Full Set Wts. For D.B. Tractors ..... **$20.00 ea.**
- 1 Pair Shell-Type Fenders For 06 Series IH Tractors **$20.00**
- (3) 8' Sections Single Chain Bale Conveyor, Incomplete **$25.00**
- 1 Pair Flat Top Fenders For 26/56 Series IH Tractors. **$40.00**
- New Fert. Attachment For Cultivator-Sidedresser, Incomplete **$15.00**
- Wide Selection Of Now Current Wheel Wts. & Front End Wts. ..... **$28.00 ea.**
- Used Oliver Backhoe 3 Ft. Graveyard Trenching Bucket **$50.00**
- Used Oliver Backhoe 21" Trenching Bucket **$50.00**
- New 4"x11" Speedking Auger Section, Portable-Type **$40.00**
- (2) New 4 Post Rops To Fit 1490 and 1494 Case Tractors **$100.00**
- Behlen Corn Crib Roof Sections For Several Different Models ..... **$10.00 ea.**
- New Case Bucket Teeth w/Bolts To Bolt In Buckets, T89091 or 1014 ..... **$20.00 ea.**
- Approx. 20'x15' Area With Miscellaneous Lumber, Window Frames & Insulation - Clean Out Entire Area **$100.00**
- Miscellaneous Speed King Auger Tubing 6" and 8" With Top Ends, Etc. (Come & Find Your Needs) ..... **$30.00 ea. set**
- Hood & Front Grill For Farmall M&H **$25.00**
- Flat Top Fenders For IH Utility Tractor, 454, 464, 574 Etc. **$40.00**
- (1) Behlen Corn Crib Spreader To Hang In While Filling Crib **$20.00**
- New Case 96" Wide Bucket To Fit Case 56L - 66 - 74L - 96 Series Loaders, Tag NC 1266 ..... **$650.00**
- New Case Pallet Fork Attachment To Fit Case 54L Loader With Tines That Are Movable, Made Of Tubular Steel With Point On End Tag No. 5 Available NC 1107 - NC 1108 - NC 1109 ..... **$698.00 ea.**
- New Case-Ingersol 38" Wide, Heavy Duty, Pull-Type Lawn Sweeper, Tag No. 1433. ..... **$596.00**
- New Bushog 42" 3 Pt. Squeeler Rotary Cutters, (2) Available ..... **$596.00 ea.**
- New IMC Model 280 9 Ft. Pull Type Hay Tedder, Spinner Type ..... **Regular Price $795.00**
- New IMC Model AG 320, Pull-Type Spinner Hay Rake, Raking Width 9 Ft., Only 2 Available. ..... **$950.00 ea.**
- Good Used Hydraulic Elevator w/Cage, Hydraulic System & 3 Phase Motor, In Stock, Come And See ..... **Only $1,250**
- Folding Accordian-type Security Gate. **$19.00**

REMEMBER... TAKE 50% OFF All Prices Shown Above



PERKINS DIESEL POWERED
GEHL 6620

72" Wide

Operating Capacity of 2,050 Lbs., 60 H.P. w/12.00x16.5 Tires & Hi-Capacity 72" Bucket, Standard Equipped w/Front Aux. Hyd. & Working Lights

List Price ~~$28,315~~ ~~$17,950~~

Stop In For Your Best Deal!

GEHL
SELF-LEVELING SKID LOADER
4610 Diesel Powered

Place Your Order Now!

44 H.P.

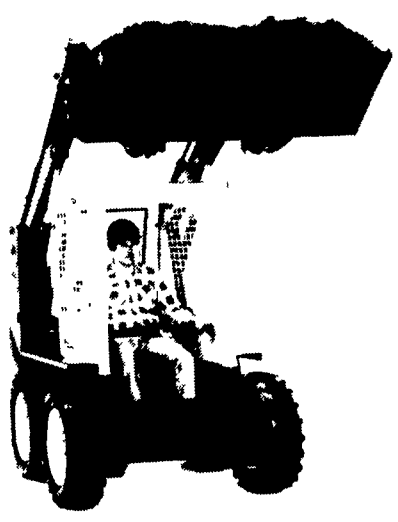
65" Wide

Diesel Powered Hyd. Drive, 10.00x16.5 Flotation Lug Tires, Factory Fresh, Just Arrived! List Price Over...$19,000

SPECIAL CASH PRICE...~~$12,850~~

Stop In For Your SPECIAL DISCOUNT BUYING PRICE NOW!

NEW GEHL 3610 DIESEL DEMONSTRATOR



25 HP
Rental unit
Tag No. 1809

BUY THIS NEW DEMO UNIT FOR ONLY $8,850

GEHL 3510
Just The Right Size
54" Wide

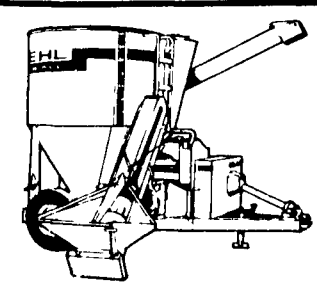
New Gehl Model 3510, 24 HP, Gas Powered w/27x8.50x15 Flotation Lug-Type Tires, 54" Bucket

List Price Over $13,750

You Can't Go Wrong When You Pay Only

~~$9,500~~

Stop In For Your Best Deal!

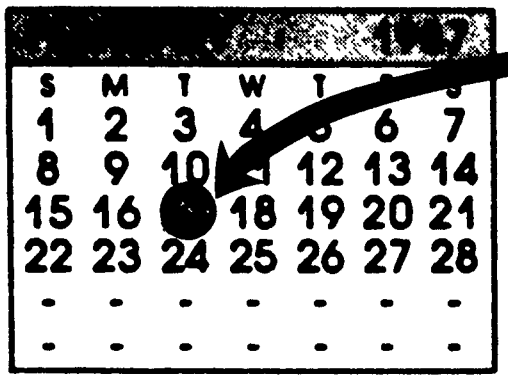


Best of the New! Best of the Old!

NEW GEHL MODEL 170 GRINDER MIXER
135 Bu., 540 PTO w/Self Contained Hyd. System To Drive Augers, Big 21" Mill w/66 Swinging Hammers

List....$10,579
Reg. Price....$ ~~8,650~~
BUY NOW AT....$8,295
AND SAVE $$$!

Also:
Just Received
Model w/Scales



Mark This Date On Your Calendar...

TUESDAY, FEBRUARY 17, 1987

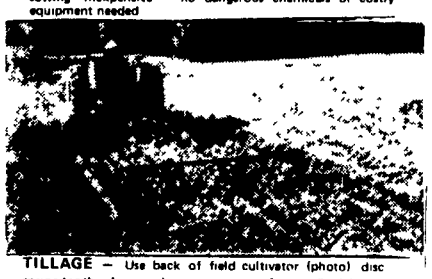
For Our Big OPEN HOUSE And CUSTOMER APPRECIATION DAY

See Our All New Indoor Machinery Display PLUS New And Different Informative Seminars. Make Your Plans Now To Attend - It Will Be Worth Your Time.

A Good Idea That Works

PASTURE MAINTENANCE – Stimulates grass growth Scatters droppings, helps control parasites tears out dead growth aerates for better moisture penetration works in fertilizer F-l-e-x-e-s to cover every inch of the ground

PASTURE RENOVATION at Low Cost – (Fertilize and lime as required) Scarify to prepare shallow seedbed without destroying existing turf Use to cover seed after sowing Inexpensive – no dangerous chemicals or costly equipment needed



TILLAGE – Use back of field cultivator (photo) disc spring tooth plow or alone – prepares a fine seedbed breaks up crust on hard packed soil Use for first cultivation on corn beans etc Covers small grain back of broadcaster

FUERST F-L-E-X-I-B-L-E TINE HARROW*

ADJUSTABLE PENETRATION FOR GREATER VERSATILITY -- HERCULES ILLUSTRATED

MAXIMUM PENETRATION – Tines down pointed slightly back

LIGHT PENETRATION – Tines down pointed further back

SMOOTHING FLOATING – Tines up pull in either direction

TWO JOBS IN ONE PASS – Front section – maximum penetration rear section – light penetration or floating *HERCULES Models only

HERCULES — *Faster and Safer at any Speed!*

Unique tine design and exclusive spreader bars allow much greater speeds, save labor time and money Others recommend operation at 3½ to 4 m p h (at higher speeds they skip jump and skim the surface loosing effectiveness) See chart for added acreage covered by Hercules

Acres covered per hour at various speeds

Width of Harrow	3 m.p.h	3½ m.p.h	4 m.p.h	*5 m.p.h	*6 m.p.h	*7 m.p.h	*8 m.p.h
8 ft	2.4	2.8	3.2	4	4.8	5.6	6.4
10 ft.	3	3.5	4	5	6	7	8
12 ft	3.6	4.2	4.8	6	7.2	8.4	9.6
16 ft	4.8	6	6.4	8	9.6	11.2	12.8
20 ft	6	7	8	10	12	14	16
24 ft.	7.2	8.4	9.6	12	14.4	16.8	19.2

*Only the Fuerst Hercules design allows effective coverage and operation at these higher speeds

Easy to use, handle, store

Specially designed 7/16 (10 5 mm) steel tines – virtually indestructible No parts to grease, oil tighten Design and construction assures maximum penetration while f-l-e-x i-n-g to cover every inch of the ground

Connecting front and rear sections of Hercules Harvest

All models section alized for ease of handling Sections roll up for compact storage transport All FUERST Har rows easily assemble disassemble without tools If ever needed, parts readily avail able

Easy way to transport Hercules Model 12

SAVE BY DEDUCTING 20% OFF PRICES SHOWN!

A GREAT, INEXPENSIVE TILLAGE TOOL

- 4 Ft. Model, One Only, Tag UM 1060 ..... $98
- 8 Ft. Model, Tag No. 1714, UM 1060 ..... $388
- 10 Ft. Model, One Only, Tag. No. 1715 ..... $632
- 12 Ft. Model, Tag No. 1213, Tag UM 1060..... $754
- 14 Ft. Model, One Only, Tag No. 1214..... $817
- 16 Ft. Model, Tag UM1060 ..... $817

One Only In Some Sizes - New, Some Slightly Weathered

NOTE WE ALSO HAVE:
(8) 5 Ft. Mini-Style Models w/Hitches, Complete, Tag No. UM1060 ..... $170 ea.
(1) 5 Ft. Front Section w/Hitch, UM1060 ..... $100

Help Us Clean Out The Corners By Buying Now AND SAVE 20% OFF!

Our Loss - Your Gain, But They Must Go!

Quality Products, Good Service & Fair Prices Are Year-Round At BUKLEY & HURST BROS.

WE REPRESENT THE FOLLOWING LINES:

- Case IH Co.
- J.S. Woodhouse
- Better-Bilt
- Bush Hog
- Gehl Company
- Todd Farm Equipment
- Cummings & Bricker, Inc.
- General Eager Beaver
- Hamilton Equipment
- Unverferth McCurdy
- Ryder Supply Co.
- Husky Farm Equip.

AND SELL THE FOLLOWING PRODUCTS:

Case IH — FULL TILLAGE LINE • Tractors • Uniloaders • Combines • Farm Loaders		LANDOLL — TILLOLL - SOIL FINISHERS AND SOIL-MASTERS	Unverferth McCurdy — GRAVITY BINS, TRUCK AND GRAVITY BIN HYDRAULIC AUGERS, HIGH PERFORMANCE SHORT TURN RUNNING GEAR
GEHL® — FORAGE BOXES, MIX-ALLS, FORAGE HARVESTERS, FORAGE BLOWERS, SKID LOADERS, ETC.	KNIGHT — MIXER WAGONS AND MANURE SPREADERS	TRI-STAR — HYDRA-FORK BALE CARRIERS AND ROUND BALE FEEDERS	FARM TIRES WAGON, TRACTOR, TRUCK...ANY TYPE YOU MAY NEED
Plus HEDLUND MARTIN SPREADER LINE Owned By Gehl	BUSH HOG® — ROTARY CUTTERS	BEHLEN — CORN CRIBS	and DMI — TRACTOR RIMS AND DUAL WHEEL KITS
AMCO — DISC HARROWS	TRANSPORT GRAIN AND FERTILIZER AUGERS	General Eager Beaver — TAG-ALONG TRAILERS	HUSKY — MANURE HANDLING EQUIPMENT
Glencoe — SOIL FINISHERS FIELD CULTIVATORS SOIL SAVERS	SOUTHEAST — ROUND BALE CARRIERS ROUND BALE FEEDERS, ETC. ROTARY CUTTERS	HARVEST-HANDLER — ALUMINUM ELEVATORS	Ag-Tech — LOADERS AND BUCKETS
ZIMMERMAN — RUNNING GEARS & ELEVATORS	"BETTER-BILT." — PARTS & SERVICE	RHINO by Athens — CHISEL PLOWS AND DISCS	BUCKETS & FORKS MADE TO ORDER FOR ANY SKID LOADER OR YOUR TRACTOR LOADER

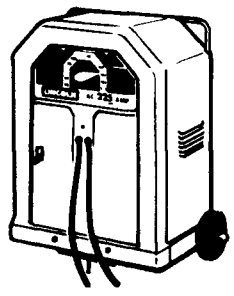
Gift Guide

The Surprising Store!

You May Qualify For Up To $1500 Instant Credit!

CENTRAL TRACTOR FARM & FAMILY CENTER

VISA · MasterCard · DISCOVER · CT FARM & FAMILY CENTER



149.99
18040 115
225 Amp Lincoln Arc Welder
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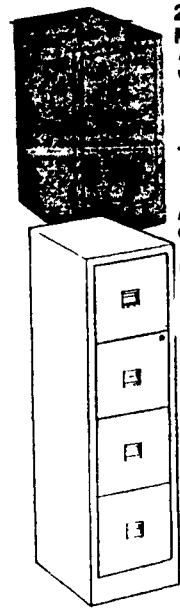

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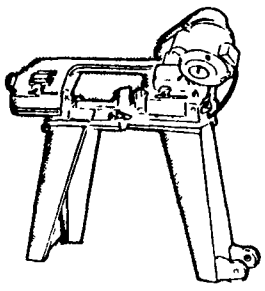

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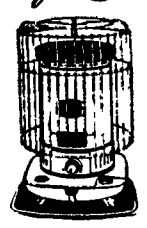

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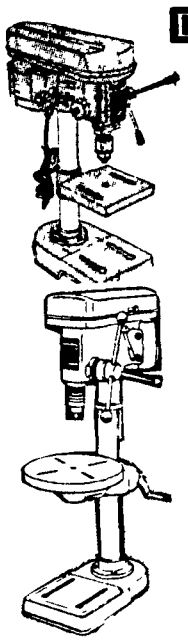

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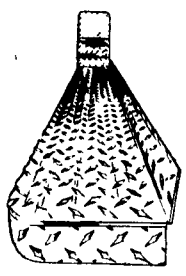

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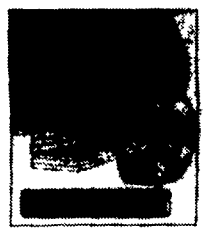

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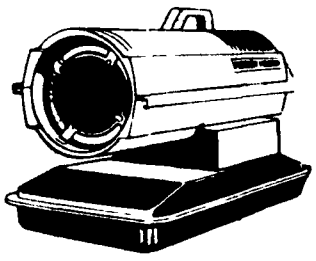

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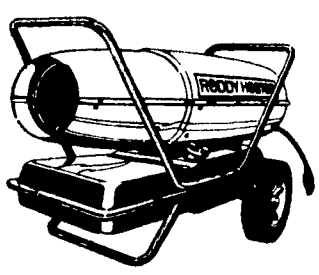

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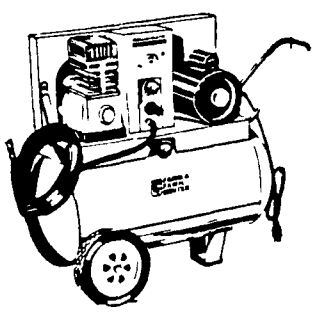

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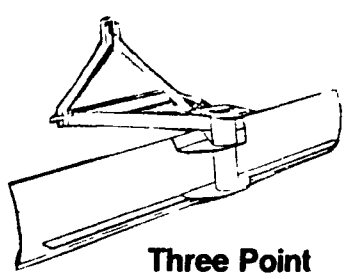

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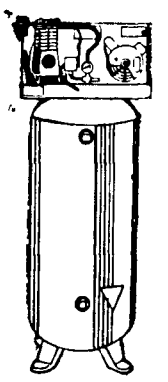

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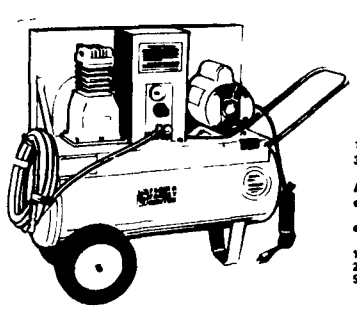

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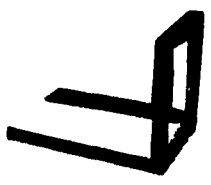

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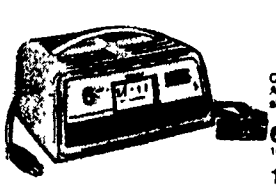

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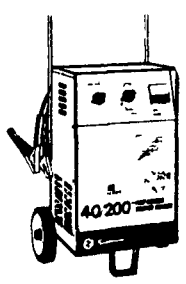

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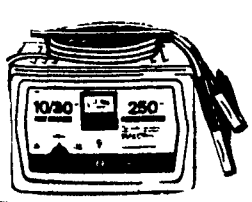

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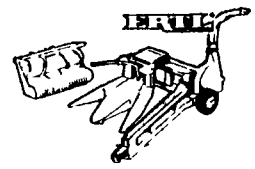

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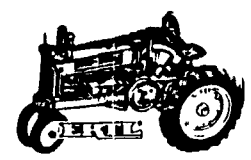

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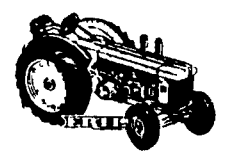

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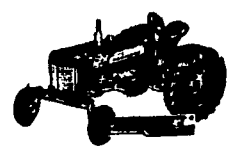

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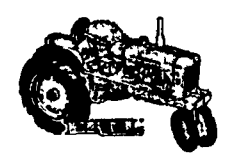

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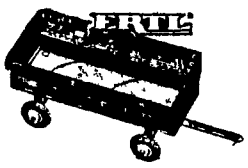
Allis Chalmers WD-45 Antique Tractor



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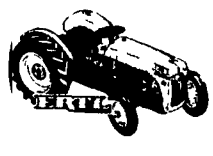

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Conservation District Honors Farmers, Dealers For Soil Conservation

CREAMERY — The Montgomery County Conservation District recently honored individuals for outstanding conservation efforts at this year's Grange Farm-City Banquet in Trappe.

Dr. Duane G. Clarke, chairman of the Montgomery County Conservation District, and Mr. Ernest Yocum Jr., newly appointed director of the district, presented the awards.

The first award, "Cooperator of the Year," was presented to Curtis Nice, a grain farmer from Franconia. Nice has installed over 8,000 feet of terraces and 4,000 feet of grassed waterway, both on his home farm and on rented land. Nice built nearly all the conservation practices with standard farm equipment — a moldboard plow and scraper blade on the back of his tractor.

Nice has also helped neighbors to install waterways and terraces, and his farm is often used as part of conservation tours for teachers, students, and fellow farmers.

Clarence Reinford of Schwenksville was also honored. Reinford had erosion problems on four adjoining rented properties. This past spring, he talked the four owners into removing hedgerows between properties and establishing a system of strips, waterways, and diversions.

The group conservation system resulted in over 50 acres of stripcropping and several thousand feet of waterway. Many of the strips being farmed now are over 3,000 feet long.

Reinford not only has long strips to farm, but also no longer has to worry about crossing gullies or losing valuable topsoil.

The last farmer award was presented to Mark Teaford or Trooper for promoting no-till and assisting the Conservation District with its no-till program. Teaford, a full time crop farmer, worked part time for the district transporting no-till equipment from farm to farm and helping farmers set up the equipment. Most of Teaford's work was on weekends, holidays, and times when Soil Conservation Service employees were unable to do it.

Finally, the District presented farm equipment dealers with awards for helping to make the District's no-till program a success. Each dealer leased equipment to the District for no-tilling and provided outstanding services and cooperation throughout the year.

The farm equipment dealers honored were Robert E. Little, John Deere, both of Zieglersville, Miller Equipment of Bechtelsville, and Triple H Equipment of Peach Bottom.

Tax Law Changes Will Have Effect On Ag

MOLINE, Ill. — "Overall, the Tax Reform Act of 1986 will not greatly affect agriculture," according to Bernie Hardiek, director of taxes for Deere & Company. "Farmers who keep good financial records will work to maximize after-tax profits. That hasn't changed.

"To me, the most significant aspect of the new tax law is the repeal of investment tax credit. Farmers and other business people who make major, long-term investments will no longer receive a direct, 10 percent of purchase price tax credit.

"Also, repeal of this provision has been made retroactive to January 1, 1986. No machinery purchased in 1986 will be eligible for any sort of investment tax credit.

"In addition, if you have any investment tax credits carried forward from previous years, you will lose 17½ percent of those credit carry-forwards in 1987, and another 17½ percent in 1988. So, in 1988, every $100 of investment tax credit carried forward will be worth only $65."

But Hardiek said there was some good news that helps offset the loss of investment tax credit.

"A farmer can now write off an initial $10,000 of the cost of any new equipment during the year of purchase. The remaining amount can be depreciated in normal fashion," he explained. "The only restriction is that you cannot deduct more than the taxable income derived from the business for that year."

In another area of tax reform, Hardiek said that farmers are asking questions about accounting procedures.

"During the initial phase of the tax legislation, pressure was applied to force farmers to switch from cash accounting to accrual accounting. Fortunately, this restriction was deleted from the final legislation. For federal income tax purposes, farmers can still use the cash method of accounting."

Deduction of pre-paid farming expenses is another area of confusion that Hardiek clarified. "A farmer using cash accounting will still be able to deduct any amount for expendable supplies within the year they are purchased — providing the cost of those supplies does not exceed 50 percent of total farming expenses for the year, including depreciation and interest.

"This will primarily affect off-farm investors who have previously used such deductions to shelter non-farm income. Operating farmers will feel little effect from this new restriction on pre-paid expenses," Hardiek said.

An area that can affect operating farmers, though, is the change in tax treatment of capital gains. "Currently, capital gains are taxed at 20 percent," Hardiek said. "In 1987, that rate will be increased to 28 percent.

"So, in the future, as the individual tax rate of 28 percent comes into effect, profits from long-term investments will be taxed at the same rate as ordinary income.

"This can dramatically change the after-tax profit on sales of long-term assets. If a farmer is now planning such a sale, a trip to the tax accountant to outline the best strategy is imperative — the sooner, the better."

Finally, Hardiek said that a soil and water conservation plan must have received prior approval by either a state or federal conservation agency if a farmer is to be able to deduct the cost of any conservation improvement as a cash expense rather than as a capital item.

To help farmers with financial management and tax planning, Deere & Company has recently published a book, Farm and Ranch Business Management, that is available from Deere dealers.

"Many farmers have requested such a book," Hardiek said, "and we think this is a good one. It's clear-cut, working guide to financial management. You can sit down with it and go to work."

Storing Lawn Equipment

Now is the time to get your lawn mower in good working order. A little end-of-season maintenance work can save you hard starting and operating disappointments when mowing begins next spring.

With the engine off and the spark plug wire disconnected, drain the gasoline from the gas tank. Fuel left to stand becomes gummy and stale.

Reconnect the spark plug wire, start the engine and let it idle until the gasoline in the carburetor is used up and the engine stops. Again remove the spark plug wire. Drain the crankcase oil and replace it with the grade specified for the engine.

Clean the mower. With the plug wire still disconnected, tip the mower on its side and remove any dirt and grass clippings sticking to the housing. If the deck is steel and needs painting, do so to prevent rusting.

Check the blades for general condition and sharpness. Get them sharpened and balanced by a professional.

With the mower right side up, clean dirt and grass clippings from the blower housing screen, fins on the cylinder head and engine block, and the top side of the mower.

This simple maintenance will not only insure easy starting next spring but will add years to the life of your mower.

HAVING SOIL PROBLEMS?
Here's A Timely Tip...

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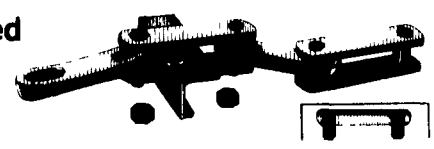

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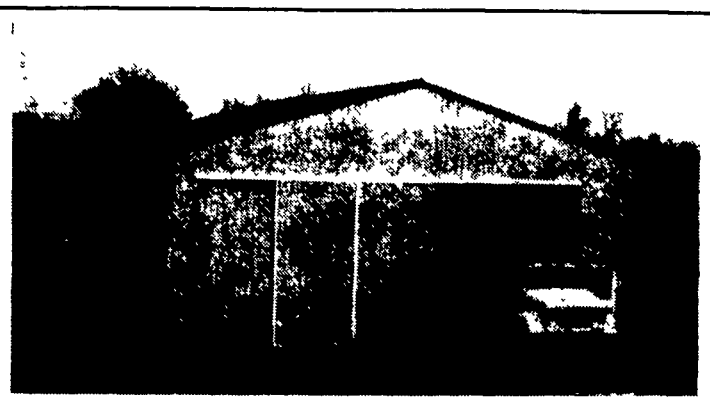

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Pa. Legislature Passes Rabies Control Bill

HARRISBURG – In an attempt to slow the spread of rabies across Pennsylvania, the state legislature has approved a bill establishing a statewide system for the prevention and control of rabies in both domestic and wild animals.

Sen. Noah Wenger, who is in full support of the measure, said the prevention program will be important in the Lancaster and Chester County area which has so far been spared an outbreak of the disease.

The system encompasses both a comprehensive research program aimed at ending rabies in the wild and a rabies control program for domestic animals. All dogs and cats over 3 months old are to be vaccinated against rabies and will need a booster shot thereafter. Animals vaccinated after one year of age are to receive booster shots every three years. Only those cats spending some time in a residence come under the requirement.

Once vaccinated, a vaccination certificate and tag will be provided to the pet owner. Licensed kennel owners will be allowed to vaccinate animals they own once they are certified by the Department of Agriculture after passing a comprehensive rabies vaccination instruction program.

To combat rabies in the wild, the bill authorizes the Agriculture Department to contract with the Wistar Institute in Philadelphia to begin a wildlife vaccine research program. The program includes developing an appropriate wildlife vaccine and an effective bait, assessment of the duration of the immunity, and the development of a way to distribute the vaccine bait to wildlife. The Game Commission will cooperate with the research efforts.

Owners of cats or dogs which have not been vaccinated against rabies will be subject to a summary offense carrying a fine of up to $300.

"Rabies has been spreading at an alarming rate in the Commonwealth," said Wenger. "More than 300 cases have been confirmed this year – nearly double last year's rate. If we are to protect our pets and ourselves from this horrible disease, we must attack the problem from its source in the wild. But pet owners also must do their part to tackle this problem by having their dogs and cats vaccinated."

Wenger said that the Department of Agriculture will assist in establishing low-cost antirabies clinics around the Commonwealth. Several clinics have been conducted in Lancaster and Chester counties this year and clinics are scheduled for the spring of next year.

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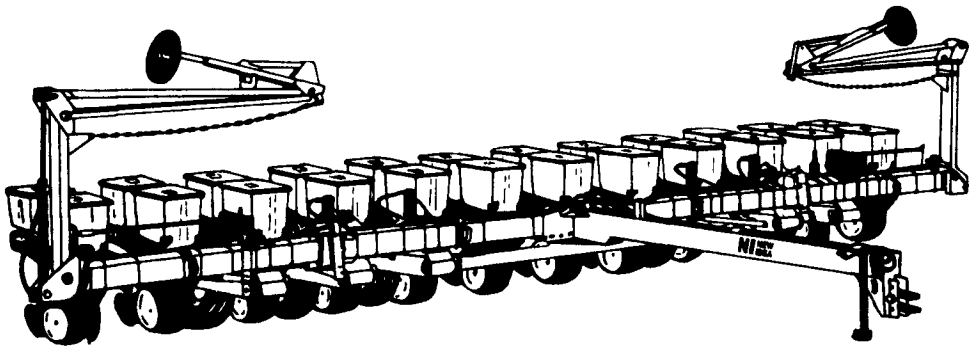

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Service Is Key When Choosing Vet

BY RICHARD BARCZEWSKI
University of Delaware

NEWARK, Del. — One topic that almost any livestock producer is willing to discuss is veterinarians. Everybody has an opinion, good or bad, about the vet they're currently using.

The complaints I most regularly hear revolve around three major topics — price, service or the lack of options in choosing a veterinarian.

Generally speaking, most vets in a given area will have similar charges for their services. It should be noted that there are two ways vets earn a living. The first is through fees for services rendered. Diagnosing an animal health problem, assisting a sow in a difficult labor or performing a breeding soundness exam on a boar are all examples of services for which a vet would charge. The second source of income includes markups on medicines and health care supplies that vets commonly sell.

Some veterinarians routinely charge more for services and less for supplies, while others operate on the reverse system. Don't assume that just because a vet charges less for services he is less expensive. Look over the whole bill and compare costs for both service and medical supplies.

Cost may be important to some producers, but the single most important factor to use in selecting a veterinarian is service. Questions you should routinely ask yourself regarding your veterinarian include:

- Is my vet concerned about me and my farm?
- Can I ask questions and obtain useful information when the vet's on my farm?
- Has the vet offered me a complete herd health program?
- Is my vet available to me when I need one?

If you answered yes to the above questions, you're probably happy with the current service you're getting.

Many livestock producers call the veterinarian only as a last resort. Usually they try the "shotgun" treatment first. When that fails and none of the medications they have on hand seem to help, they call their vet.

Unfortunately, "shotgun" treatments occasionally mask symptoms of the illness, making diagnosis difficult or impossible. In cases involving a bacterial organism, antibiotic treatment prior to a checkup can actually make it impossible to culture the causative organism. And if you can't culture the organism, you can't run an antibiotic sensitivity test to determine what drug will do the best job when treating the animal.

Another common complaint I hear is that producers have a hard time catching up with their veterinarian. Most vets who work on large animals operate on a first call, first serve basis except for emergencies.

Routine medical exams can be scheduled in advance; however, an emergency may occasionally disrupt the daily schedule. If you are unfortunate to have an emergency when your vet is taking care of another emergency, be ready to call another veterinarian — especially if the situation can't wait. Dystocia (difficult births), major cuts and poisonings would be three situations where you shouldn't delay.

Service is an important consideration when choosing a veterinarian. Never be afraid to ask questions and learn from experience when your vet is on your farm. You can handle many health care problems yourself. Vaccinations, dewormings and routine management procedures such as docking tails, castrations, clipping needle teeth can be easily done without the assistance of a vet. Learn the proper techniques and do these things yourself.

I've always recommended that producers do all that they can themselves without the aid of a veterinarian. Occasions do arise, however, when one is needed. When you need one, don't delay. A couple of hours can sometimes make a big difference in the time an animal needs to recover from an illness or injury. Procrastinators are usually rewarded with higher death losses and greater numbers of poor do'ers.

Consult your veterinarian regarding a herd health plan and tailor one to your operation. The old adage "an ounce of prevention is worth a pound of cure" means a lot here. A few pennies spent for vaccine can save you a lot of dollars if a disease breaks in your herd.

The final complaint I routinely hear is that there's a shortage of veterinarians, so options in choosing one don't exist. While it's true that some parts of the country don't have enough vets, other areas are overrun. One look in the phone book will tell you that there are a lot of veterinarians servicing Delmarva. Unfortunately, most have small animal practices.

The one ray of hope for livestock producers is that today there are more vet schools than ever and that many veterinarians are now concerned that there may be a glut on the market. Only time will tell if this is the case.

Commodity Certificate Holders Offered Greater Flexibility

WASHINGTON — Producers who receive commodity certificates dated Nov. 17 or later will have an additional three months to submit certificates to the Commodity Credit Corporation for cash, a U.S. Department of Agriculture official said recently.

These producers will also be able to transfer the commodity certificates through the expiration date shown on the commodity certificate, said Milton J. Hertz, administrator of Agricultural Stabilization and Conservation Service.

Hertz said the new provisions governing the use of commodity certificates received by producers under the acreage reduction and land diversion, conservation reserve, and emergency feed programs were being made to provide producers greater flexibility.

All commodity certificate holders have until the expiration date shown on the commodity certificate to transfer or sell their certificates. Before this, a producer who earned a commodity certificate could not transfer the certificate after the first transfer deadline shown on the certificate and could receive cash only during the ten business days following the first transfer deadline.

The option of producers to use certificates in CCC loan redeemption transactions remains unchanged.

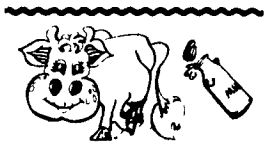
Additionally, Hertz reminded all producers to use their commodity certificates by the expiration date shown on the certificate.

No-Till Conference Registration

CHAMBERSBURG — Franklin County Agent, John Shearer, has announced an extension of the deadline for area farmers and agri-businessmen to purchase luncheon tickets for the forthcoming Mid-Altantic No-Till Conference. The original deadline was Dec. 5; the new deadline is noon, Dec. 12. In Franklin County, tickets are available at the Conservation District Office and at the Co-operative Extension Service Office — both in Chambersburg.

Shearer says that the extension was granted to enable more area farmers to attend the Dec. 17 Conference at the York Fairgrounds.

Dr. Earl Butz, former U.S. Secretary of Agriculture will give the keynote address: "There Is Still A Rainbow In Agriculture". John R. Stoner, of Stoner's Hijos Hill Farms near Mercersburg, will speak on "Why I No-Till". Hijos Hill has approximately 1200 acres under no-till crop culture.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Corn, Tobacco And Potato Production Drops

HARRISBURG — Pennsylvania's 1986 production of corn, tobacco and potatoes is expected to be below last year, based on Nov. 1 conditions according to the Pennsylvania Agricultural Statistics Service.

Corn for grain production is forecast at 139.4 million bushels, 8 percent below last year. Acreage for harvest is estimated at 1.34 million with a yield of 104 bushels per acre.

Tobacco production is forecast at 20.4 million pounds, 7 percent below last year. Acreage for harvest is expected to be 11,000 with an average yield of 1,850 pounds per acre.

Potato production is forecast at 5.2 million hundredweight, 10 percent below the 1985 crop. Acreage for harvest is expected to be 21,500 with an average yield per acre of 240 hundredweight.

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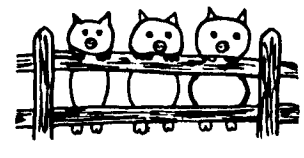

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Control Erosion By Adding Grasses To Legume Hay

YORK — Pure stands of alfalfa under intensive management systems can lead to serious erosion problems on steep hillsides. Adding adapted grasses to alfalfa mixtures can aide erosion control without sacrificing protein, U.S.D.A. soil conservationist Lee B. Bentz says.

Top managers follow intensive fertilization and harvesting programs to maximize alfalfa yields. Under these systems, the last cutting will be made following the first killing frost in the fall. Harvesting removes all vegetation and provides for no regrowth to protect the soil. The soil is virtually bare over winter! On steeper hillsides this condition can lead to severe erosion.

The solution to this problem, says Bentz, is to add grass to the seeding mixtures.

Grass has basal leaves that grow close to the ground and are not subject to removal by harvesting equipment. These leaves provide a carpet of vegetation between alfalfa plants which intercepts winter rains and protects the soil from run-off and its resulting erosion.

Recognizing the farmer's desire to maintain a high protein feed, Bentz recommends adding either timothy or perennial ryegrass to alfalfa mixtures.

Perennial ryegrass has a protein value very comparable to alfalfa; therefore, it should not hurt feed quality when added to hillside hayfield mixtures.

Timothy, on the other hand, is basically a "one shot" grass that will be present in the first cutting but should not materially affect the protein value of later succeeding cuttings which essentially will be pure alfalfa.

"In essence, concludes Bentz, "these grasses offer the farmer a choice which allows him to 'have his cake and eat it too'; erosion protection without sacrificing high protein, quality hay."

Further information or planning assistance on erosion control methods and programs is available upon request through the U.S. Soil Conservation Service, 122 Pleasant Acres Road, York, Pa. 17402 or by calling 755-2966.

ASCS Accepting Applications For '87 Feed Grain Program

The Agricultural Stabilization and Conservation Service began accepting applications for the 1987 Feed Grain Program on Nov. 17. Signup for the 1987 Wheat Program began Oct. 1st.

The acreage reduction requirement is 20 percent for feed grains with an optional paid land diversion of 15 percent. The acreage reduction requirement for wheat is 27.5 percent.

Farmers who meet these requirements and report crop acreages will be eligible to receive price support loans and deficiency payments, in addition to land diversion payments for feed grains, county ASCS official Donald E. Lutz said.

The 1987 programs offer price support loans or purchases at a rate of $2.28 per bushel for wheat, $1.82 for corn, $1.74 for sorghum, $1.49 for barley, 94 cents for oats and $1.55 for rye.

Estimated deficiency payment rates are $2.10 per bushel for wheat, $1.21 for corn, $1.14 for sorghum, $1.11 for barley and 55 cents for oats.

According to Lutz, land diversion payment rates are $2 per bushel for corn, $1.90 for sorghum, $1.60 for barley and 80 cents for oats.

The ASCS official said farmers may request, at signup, 50 percent of their feed grain diversion payments and 40 percent of their wheat and feed grain deficiency payments. These payments will be paid 50 percent in cash and the balance in generic commodity certificates.

Further details on these and other 1987 farm program provisions may be obtained from the local ASCS office.

Right-To-Know Regulation Summary Available

Final regulations of the Worker and Community Right-to-Know Act went into effect Dec. 1. To help agricultural dealers, farmers and other Extension clientele, three Penn State faculty members have prepared a summary of the rules and regulations.

John Becker, assistant professor of agricultural economics, Winand Hock, professor of plant pathology, and Dennis Murphy, associate professor of agricultural engineering, highlight important information such as employers' requirements to prepare, maintain and disclose Hazardous Substance and Environmental Hazard Survey Forms. Samples of these forms and instructions for completion are included with the summary.

Employers must complete a Hazardous Substance Survey Form for each workplace where hazardous substances are stored or used. This form, supplied by the Department of Labor and Industry, was due by Dec. 1st. Environmental Hazard Survey Forms are to be completed only if the department requests it.

The summary also includes information on Material Safety Data Sheets, substance labeling, recordkeeping requirements and educational and training programs for employers.

"Any employer who has not received a copy of the compliance manual prepared by the State Department of Labor and Industry should contact the Right-to-Know office," says Hock. "The compliance manual is important because it contains the list of hazardous substances and environmental hazards that employers will need to conduct an initial survey of the workplace.

"The manual is cross-referenced between chemical and product names, to help employers identify the hazardous materials they have," he adds.

To request a copy of the compliance manual, contact the Worker and Community Right-to-Know Program, Room 1404, Labor and Industry Building, Seventh and Forster Streets, Harrisburg, PA 17120; phone 717-783-2071.

For a copy of the rules and regulations summary prepared by Becker, Hock and Murphy, contact the Lehigh County Extension Service Office at 820-3085.

Grain Program Signup Underway

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Farmers may request, at signup, 50 percent of their feed grain diversion payments and 40 percent of their wheat and feed grain deficiency payments. These payments will be paid 50 percent in cash and the balance in generic commodity certificates.

Further details on these and other 1987 farm program provisions may be obtained from the Dauphin County ASCS Office, 75 Houcks Road, Suite 100, Harrisburg PA 17109.

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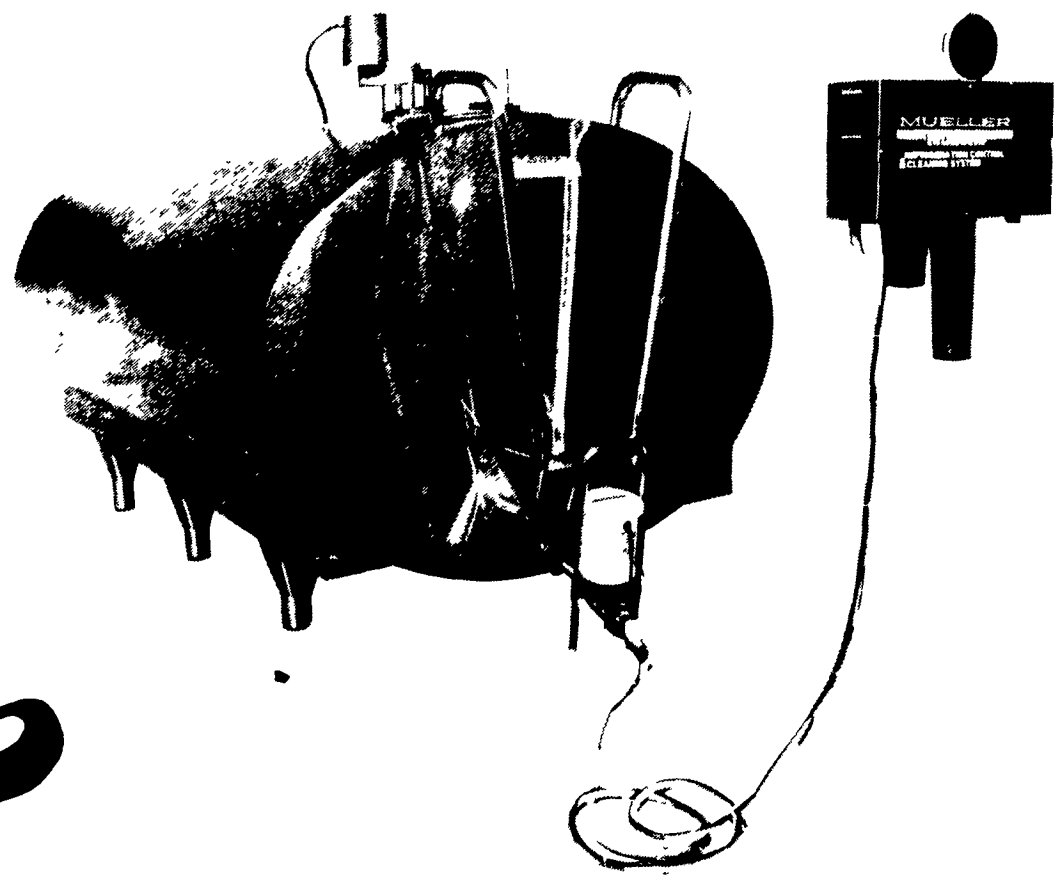

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Bankruptcy Rules May Save Farms

NEWARK, Del. — A new section of the federal bankruptcy code that became effective Nov. 26 could help farm families with serious financial problems, according to University of Delaware extension agricultural economist Gerald F. Vaughn.

Chapter 12 was created especially for family farms, Vaughn says. It offers farmers a chance to lower their debts, reorganize their loan payments and stay on their farms.

But Vaughn isn't sure many farmers will take advantage of the new bill. "Farmers are understandably reluctant to file for bankruptcy," he says. "Bankruptcy filing is a legitimate business decision, but it can be very expensive and stressful for the entire farm family."

Chapter 12 was written by Chief Judge Thomas Moore and Judge A. Thomas Small of the U.S. Bankruptcy Court. They explained the section recently for attorneys attending an extension-sponsored conference in Raleigh, N.C., on advising farmers in financial distress.

Farmers who borrowed when land values were high but who are now caught with more debt than assets may reduce the amount of farm debt under the new provisions.

A farmer who borrowed $1 million against high-valued land that is now worth $600,000, for example, could have the loan reduced to $600,000. In addition, the farmer could refinance at current interest rates, which are likely to be much lower than when the original debt was incurred.

The farmer in Chapter 12 bankruptcy cannot be forced into liquidation as can happen when a farmer files under other chapters of the bankruptcy code.

Chapter 12 also redefines what constitutes "adequate protection of lenders' interests." Previously, farmers faced an immediate bill for "lost opportunity costs" when they filed under existing sections of the bankruptcy code. Lost opportunity costs is the amount of interest the lender could receive if the money had been invested elsewhere.

Under Chapter 12, lender interests are considered protected if assets are being properly maintained and, in some cases, if the lender is receiving fair market rent for their use—usually much less than required under other bankruptcy options, Vaughn says.

Only family operated farms with total debts under $1.5 million are eligible to file for Chapter 12. Also, 80 percent or more of the total debt must be from the actual farming operation, and 50 percent of the previous year's income must have come from farming.

Chapter 12 won't be a solution for everyone, the University of Delaware extension economist says, but it seems to offer a better alternative than farmers have had under existing chapters of bankruptcy law.

Chapter 12 reorganization will leave the farmer 100 percent in debt. "Farmers who file under Chapter 12 won't be able to continue farming very long unless they're very good farm managers, and become good financial managers," Vaughn says.

They must have enough income to pay off operating expenses as well as any debt remaining after reorganization. This often means having to cut the family's standard of living to the absolute minimum. And they must be lucky with such factors as weather and government policies, the specialist adds.

Farmers who have already filed for bankruptcy under another chapter of the law will not be allowed to switch to Chapter 12.

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Berks County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

October, 1986

Charles and Tim Kissling's herd topped the October Berks County DHIA with a herd average of 22,119 pound sof milk and 831 pounds of fat on 68 cows The following herds produced herd averages over 550 pounds of fat

Name	Brd	No. Cows	% Days In Milk	3 Fat Lbs	X Lbs
Charles&Tim Kissling	3	68.0	85 4	22,119	831
David L Schrack	B3	101 8	87 8	20,136	775
Forrest C Stricker	B3	58 1	84 8	21,824	767

(Turn to Page C7)

Protect Trees Against Mice

During late Fall, one numerous pest around our shrubbery, flower beds and fruit trees are meadow mice. These small, chunky, ground-dwelling rodents are locally called meadow voles or field mice. They're found wherever grass and woody plants grow.

As strict vegetarians, they're active all year round in extensive grassy and weedy areas. But, as green vegetation becomes scarce, they invade lawns, gardens and plant nurseries.

Several hundred mice may be present on any given acre of land making them extremely destructive pests to vegetation around the home. During late Fall, winter and early spring, they may gnaw the bark of young trees and shrubs. Trunk girdling at or near the ground surface is the most common form of tree injury caused by meadow mice. Since they burrow in snow, they may damage tree trunks as high as snow accumulates.

Sometimes girdling injury can be repaired by bridge grafting, but tree growth is usually set back severely. Meadow mice can even burrow into the soil and may cause damage to tree roots. This damage cannot be seen and cannot be repaired. Eventually, damaged trees become weak, unhealthy looking and die.

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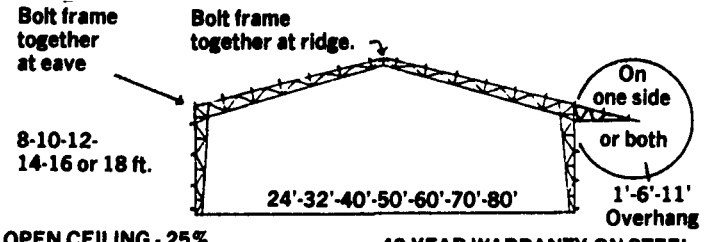

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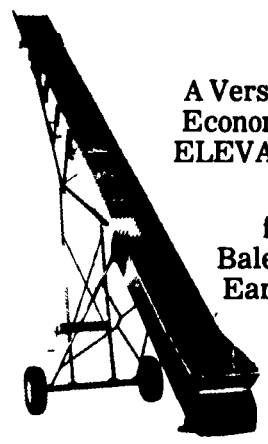

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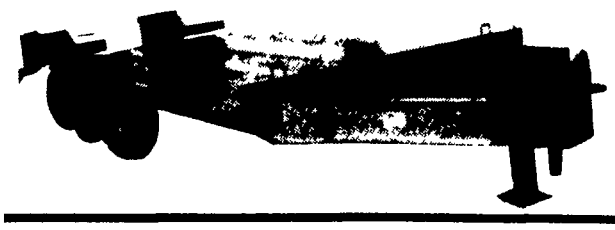

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Berks Co. DHIA

(Continued from Page C6)

Mark A Wolgskill	3	101 1	83 6	20,412	766
Junge Farms	3	77 4	88 4	20,199	761
Vista Grande Farm	3	89 8	87 6	21,020	759
Bendy Brook Farm	3	46 7	86 1	20,367	759
Heindel Farms Inc	3	41 1	86 3	20,096	747
Plushanski Farms Inc	3	142 6	83 8	19,692	746
Raymond A Seidel	3	41 1	87 5	18,840	745
Mertz Brothers	3	43 1	83 2	20,682	744
George S Troutman Jr	B3	77 3	89 4	19,568	735
Udder Valley Farm	B3	79 0	89 0	19,707	729
Merlin J Grube	B3	48 9	88 2	19,309	727
Reu Hel Farms Inc	3	93 6	87 1	20,507	725
R R Troutman & Sons	3	134 8	85 0	18,799	719
Richard A Bleiler	B3	52 2	87 8	20,409	702
Rothrock Golden Hol	B3	110 4	82 5	19,270	700
Mervin Brubaker	B3	67 5	86 5	19,295	695
Daview Farm	3	70 8	83 7	19,684	694
Swatara Dairy Farm	3	67 4	84 0	17,912	693
Ralph & Ken Sanner	3	78 9	87 3	19,096	692
Arlan Krick	B3	67 3	88 0	18,343	686
Leonard G Stoltzfus	3	103 7	85.8	19,485	686
Retland Farm	3	54 5	87 9	19,534	683
Harold Schuler	3	38 3	88.6	19,482	680
Leroy E Howard	3	146 9	89.0	19,043	680
Robert E Kopfer	B3	65 3	87 2	19,564	679
William G Howerter	3	90 1	86 6	18,021	677
Wooden Bridge Farm	B3	55 4	86.8	20,324	676
Yost Brothers	B3	110 6	88.0	19,963	675
Frank G Gromlich	3	68 7	85 4	18,097	675
Nathan Nolt	B3	54 6	86 3	19,143	671
Clarence B Kulp	3	72 1	88.6	18,602	670
Zahncroft Farm	3	56.2	88.2	18,199	669
Oleka Acres	3	53 7	87.0	20,098	668
George E Moyer	3	105 5	86.8	18,310	663
Tulpa-Canal Farm	B3	38.7	86.9	18,881	662
Harvey M Weaver	B3	50.2	84.5	17,788	662
Wilhomar Farm	3	43 3	85.9	19,464	661
Dean&Brenda Daubert	5	37.9	89.5	17,148	660
Irvin G Weaver	B3	53 9	88 5	18,037	*659
Grumbro Holsteins	3	48.6	84.0	17,533	658
Ray E Bicksler	3	50.3	90.0	18,237	658
Martin & Missy Moyer	B3	51 3	85.7	18,532	657
Heindel Farms Inc	1	22.6	85 0	16,133	656
Ronald Kelchner	B3	79 0	87 7	18,107	655
Andrew D Stoltzfus	B3	109 3	86 0	19,248	655
Ernest C Hoffman	3	58 8	88 3	17,993	654
F M Browns Sons Inc	B3	99 0	91 9	18,882	654
Donald B Duncan	B3	105 5	85 8	18,000	653
Leon H Martin	B3	37 8	88 4	17,978	653
Elvin Brubaker	B3	40 8	87 7	17,917	652
Ken & Debra Dietrich	B3	53 0	85 0	18,167	651
Show Top Farms	3	169 0	90 3	17,465	650
Blue Mtn Academy	B3	131 8	89 2	17,667	649
Alton Rohrbach	B3	54 4	87 2	18,643	648
Robert C Dreisbach	4	77 4	84 7	13,308	648
Glenn B Gockley	G3	44 3	85 5	18,298	648
Samuel L Mast	3	46 1	86 0	18,023	642
E Daniel Leatherman	B3	66 3	87 1	17,495	642
Harold Fenstermaker	3	33 1	89 7	15,900	640
Harvey C Krill Jr	B8	50 2	90 9	16,769	633
Red Fever Farm	B3	68 3	90 5	17,775	632
Ernest O Miller	3	221 7	85 1	17,461	630
Ker Min Farms	3	79 9	87 8	17,373	630
Jacob M Wise	B3	42 1	85 8	18,789	629
Scattered Acres Inc	B3	144 7	81 3	17,697	629
Bruce Reigel	G3	39 3	86.5	16,352	626
Daniel J Harnish	B3	99 2	85 3	17,304	626
F Mark Weber	8	35 0	81 6	16,777	623
Bernell L Burkholder	B3	43 4	85 2	18,553	622
Don Aloan	B3	45 6	85 1	17,934	621
Rick Phillips	G3	62 7	81 6	16,902	620
KL & BA Grimes	B3	124 0	89 3	16,813	619
David Gross	B3	34 2	87 7	17,761	618
Luke Snyder	B3	54 4	89 0	17,935	617
Donald Burkholder	B3	103 2	85.5	17,391	616
Fred J Walters	B3	81.3	85 5	17,279	616
Donald M Meyers	3	56 3	88.1	16,449	615
Joe & Deb Kohler	B3	35 0	88 7	17,827	612
Donald Rentschler	B3	61.6	86 9	17,860	612
Herb Top Farms	B3	42.8	84 3	17,300	611
John H Stump	3	72.8	87 7	17,455	610
Linden Loch Holstein	B3	35.9	81 9	16,467	609
Kenneth Zook	B3	51.3	88.3	17,408	609
Glenn R Harnish	B3	123 0	86 6	17,677	608
Pinnacle View Dairy	B3	46 9	86.4	16,734	607
Floyd Kurtz	B3	63 6	85 6	18,151	606
Ray W Seidel	B3	38 8	87 9	17,038	602
Raymond L Kulp-Son	B3	88 3	89 8	16,691	599
David J Williams	B3	46 5	84 3	17,460	599
Lynnacres	3	193.7	88 6	16,793	598
William C Adams	B3	87 5	90 8	14,532	598
Kur-Del Farm	B3	43 5	83 3	17,744	597
Landis R Martin	B3	46 6	87 3	16,698	596
Clarence C Sattazahn	B3	110 8	89 7	15,777	596
Robert L Sattazahn	B3	101 6	89.8	16,913	595
Teen Chal Farm	B3	121 0	86 7	16,933	593
Lawrence Kieffer	B3	93 2	83 7	16,580	593
Gary-Martha Heffner	B3	45 9	80 7	15,988	592
Terry Kunkel	B3	41 9	82 5	17,836	591
Muddy-Creek Farm	3	35 9	78 6	16,787	591
Clyde Loump	B3	57 6	85 8	16,300	591
Whirlwind Acres	B3	114 1	89 0	16,844	589
Lester Martin	B3	44 7	86 4	16,119	588
Richard Schlegal	B3	60 6	85.0	17,081	587
Charles D Moyer	B3	126 3	85 9	16,671	584
David L Phillips	4	44 3	86 5	12,649	584
Ontelynn Acres	3	129 0	87 2	15,624	583
Earl R Hafer	B3	114 7	87 6	16,461	583
Charles W Wagner	B3	50 2	88 7	16,372	582
Alfred E Schmidt	3	57 4	88 8	16,583	580
Meadow Spring Farm	B3	54 9	83 2	16,958	579
Wilmer Dreibelbis Jr	B3	112 6	82 6	15,630	578
Ronald Weyer Holst	B3	58 6	84 0	16,899	578
Ronald L O Neil	B8	50 3	87 9	15,537	577
Pine Brook Farm	3	112 0	82.5	15,709	575
Ro Ria Farms	B3	213 3	89 2	15,941	573
Eleanor K Siegfried	3	102 7	89 9	15,998	573
Lowell C Kurtz	B3	34 4	85 4	15,812	572
Robert Yanos	B3	59.0	89 3	15,807	572
Savidge Farms	B3	58 4	88 5	15,822	572
Rolling Acres Farm	G3	39 4	83.5	16,678	571
Richard W Hoppes	B3	66 8	84 6	16,068	570
Glenn E Hoffman	B3	56 1	84 7	15,645	569
Win-Dale Farm	4	55.2	88 7	11,488	565
Mark G Hoch	B8	58 4	85 4	15,310	564
Harold Dietrich Hol	B3	34 3	89 1	16,631	563
Albany Farm	B3	39.2	86.1	15,782	563
Jerry A Krone	B5	14.5	85.7	14,484	561
Way Har Farms	B3	111 1	90 4	15,661	560
Larry E Phillips	B3	35.6	84 0	15,596	559
Elam G Hoover	B3	70 4	88.4	14,897	554
Rodger L Wagner	B3	131.0	89 8	15,380	554
Robert F Kieffer	B3	60 8	88 4	15,480	553
Poplardrive Holstein	B3	45.7	89 4	15,098	553
Clarelynn Farms	2	46 2	85 2	12,032	552

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MODEL	DIA.	HEIGHT	TONS	SALE PRICE
BFT6-160	6'	10'8"	2.74	$432.00
BFT6-260	6'	13'4"	4.23	$489.00
BFT6-360	6'	15'11"	5.73	$559.00
BFT6-460	6'	18'8"	7.22	$619.00
BFT7-267	7'	16'3"	6.61	$679.00
BFT7-367	7'	18'11"	8.64	$749.00
BFT7-467	7'	21'7"	10.67	$829.00

Basic Bin Includes: Flip Top Lid, Roof, Sidewall Hopper Cone, Legs, Bracing, And Hardware.

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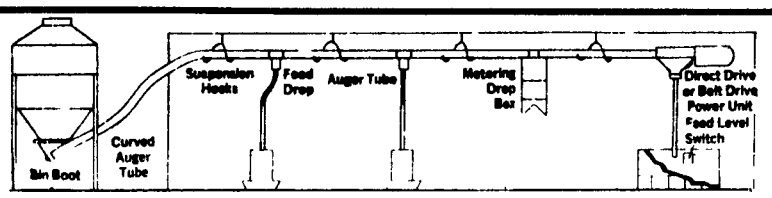

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Pa. Corn Crop Forecast Below '85 Level

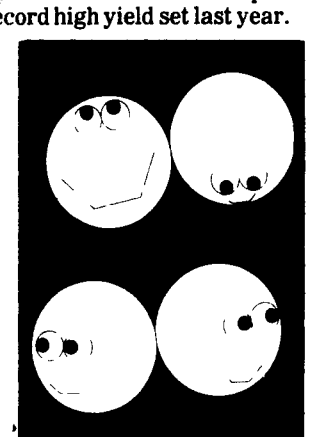
Pennsylvania farmers expect to produce 139,360,000 bushels of corn for grain this year, according to the U.S. Department of Agriculture's October crop production report. The production compares with 151,800,000 bushels in 1985 and 148,500,000 bushels in 1984.

Corn growers in Pennsylvania expect to average 104 bushels per acre this year, compared with 110 last year.

Donald E. Lutz, chairman of the Berks County Agricultural Stabilization and Conservation Service, said corn loans will be available for all farmers who participated in the 1986 acreage reduction program. The loan rate is $2.16 ($2.067 after Gramm-Rudman-Hollings cut) per bushel. Some farmers may wish to store their corn crop after harvest to take advantage of future price increases, said Lutz. If so, a price support loan will provide them with operating cash at this time. The stored grain serves as security.

Pennsylvania producers plan to harvest 1,340,000 acres of corn in 1986, compared with the total 1,380,000 acres harvested in 1985.

Nationally, USDA forecasts an 8.22 billion bushel corn crop this year, based on an Oct. 1 survey. The figure is down 7 percent from last year's record crop. Average yield per acre is predicted at a record high 119.2 bushels per acre, up 1.2 bushels from the previous record high yield set last year.



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YOU'LL FIND IT IN LANCASTER FARMING'S CLASSIFIEDS

Crawford County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

October, 1986

Owner	Brd.	No. Cows	Lbs. Milk	Lbs. Fat	
Jeffrey Raney	R&GH	45 0	22,326	814	
John Tautin Sr	R&GH	41 0	20,897	793	
Richard L Black	RH	51.4	20,432	766	
Black Pond Farms	RH	88 8	21,416	764	
Stain-Brook Farms	R&GH	53 1	22,057	761	
George P Simcheck	R&GH	49 2	18,920	758	
Morrell Farms	RH	92.9	20,531	736	
Queens Manor Holsteins	RH	23 6	18,918	731	
Spruce Row Farms	RJ	55 5	16,113	729	
Richard M Lyons	RH	18 9	21,042	729	
A&B Dairy Farm	R&GH	64 1	20,944	722	
Dale Home Farms	RH	36 3	19,473	722	
Ernest Oakes	R&GH	92 4	22,310	717	
Alan & Rhona Custead	R&GH	73.5	18,414	713	
O-Darlan Farm	R&GH	49 5	19,325	711	
Helen Anthony	R&GH	73.3	19,009	702	
Dennis B Halfast	R&GH	45.4	19,519	697	
GL & SL Foster	R&GH	42.4	18,168	696	
Richard Deeter & Son	R&GH	25.2	17,848	692	
John W Greene Jr	RH	48 7	18,216	690	
CaRosa Guernseys	RG	21.2	15,372	688	
Wil-Aire Farm	RH	55 6	18,347	681	
Orange Bucket	RH	48 6	20,659	680	
Darrel L Schweitzer	RH	48 4	18,156	679	
Doug Stanhope	R&GH	48 2	18,585	675	
Neil J Dearborn	GH	45.8	19,418	674	
Kerr Hill Farm	R&GH	75 9	18,587	672	
Bryan R McCurdy	RH	34 0	18,654	671	
Jack Rynd	RH	129 8	17,657	666	
Kenneth & Judy Mook	R&GH	16 7	17,988	665	
Joe Arbuckle	R&GH	33.4	18,352	663	
John J Kapanick	R&GH	65 2	17,941	662	
Robt & Lee Bryer	R&GH	35 7	18,974	650	

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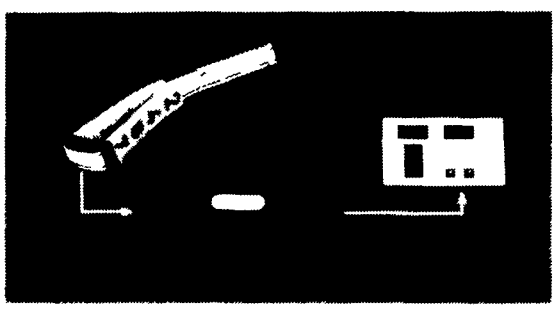

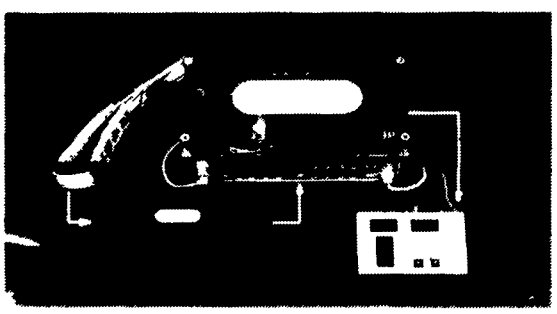

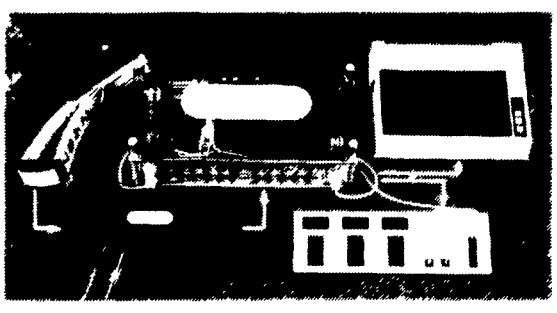

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MODEL F6

FEATURES: • Small Compact Microprocessor • Precise Portion Feed Dispenser • S.S. Feed Manger • Small Keyboard • 2nd Feed Option • Battery Backup • Handles up to 200 cows and 6 Feed Stations • Printer Option Available • Expandable to larger CODATRON System with Metatron

MODEL F6L

FEATURES: • Small Compact Microprocessor • Precise Portion Feed Dispenser • S.S. Feed Manger • Large Keyboard • 2nd Feed Option • Battery Backup • Handles up to 150 Cows and 6 Feed Stations • Hard Printer Standard Equipment • Cow Calendar and Breeding Management • Expandable to larger CODATRON System with Metatron

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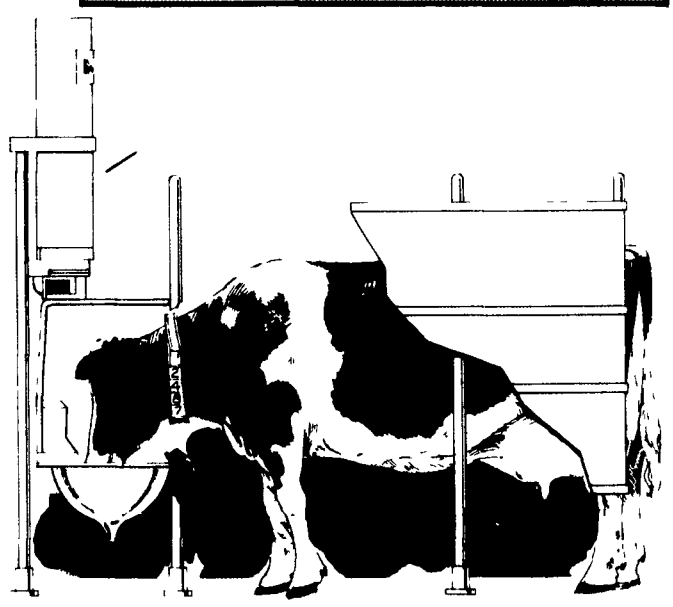

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SATURDAY, JANUARY 10, 1987

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★ Complete Daily Farm Show Schedule

★ Floor Plan Of All Exhibits

★ List Of All Exhibitors

★ Various Farm Show Features

★ Keystone Farmer Resumes

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Clinton County DHIA

October, 1986

Owner	Brd	#cows	Cow in milk	Milk Lbs.	Fat Lbs.
Paul L Courter	3	88 3	89 1	19,281	712
Richard L Schenck	3	124 3	86 0	18,706	680
Ronald H Meyer	3	110 1	88 0	18,668	675
Tom & Grace Nicholas	3	43 8	88 5	17,847	665

Cows producing over 850 fat are listed below

Richard L Schenck				
Daphne	6-4	305	21,513	1002
Ward & Keith Carson				
Singer	7-0	305	27,975	949
Richard L Schenck				
Teresa	5-5	305	25,469	914
Paul L Courter				
Joan	8-4	305	26,516	866
Paul L Courter				
Leslie	3 4	305	23,058	863
Richard L Schenck				
Sally	5-3	305	21,974	855
Harry Schenck				
Zennia	6-8	305	21,286	853

Crawford Co. DHIA

October, 1986

Owner	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Dewane & Wm Coulter	3	59 3	90 6	22,850	798
Rollin B James	B3	50 3	87 9	20,563	740
Clarence Minner	B3	61 5	89 9	19,503	737
Lengel Brothers	B3	171 4	81 7	20,233	734
Arthur Baxter	3	38 7	87 9	20,139	728
Vantage Jerseys	4	93 4	89 3	16,539	719
Clan Campbell	G3	72 4	86 8	18,514	702
JH Vanderstappen Jr	4	49 7	88 5	14,401	702
Richard E Slater	G3	32 2	88 6	17,739	701
John Angermeier Jr	G3	41 0	87 6	20,676	700
Canon Dairy	B3	81 2	87 3	19,749	700
AW Moore	B3	57 3	82 3	19,616	677
David L Melton	G3	43 5	86 8	18,956	676
Laszlo Mozes	3	35 3	88 0	18,547	676
David&Leigh King Jr	B3	45 6	83 9	18,703	673
Dale L Kepner	B3	40 4	87 1	18,808	671
Mrs Martin J Gall	G3	17 4	82 7	18,380	671
Romar Jersey Farm	4	89 0	85 3	14,991	669
Mrs Charles Robinson	B3	70 6	85 5	18,476	964

The following cows completed lactations over 850 fat

Arthur Baxter				
Elda	5-8	305	26,009	1036
Peg	4-4	305	25,542	990
Penny	4-11	305	23,109	892
DeWayne & Wm Coulter				
Shirley	6 1	305	30,075	996
Flakey	4-8	305	20,735	965
Pauline	5 1	305	26,072	915
David J Woods				
79	5 10	305	29,789	978
Mrs Martin J Gall				
Dixie	6 6	305	25,065	947
Lengel Brothers				
631	6 5	305	22,475	945
745	3 4	305	25,124	929
693	4-11	305	25,982	878
Rollin B James				
Rhonda	3 8	305	24,943	892
Canon Dairy				
Fer Jr	7-9	305	24,573	891
Clarence Minner				
Steph	5 3	305	23,609	878
Douglas Uber				
101	5 2	305	26,370	866
Harold D Hill				
62	5 2	305	26,106	864
Clan Campbell				
78	7 1	305	26,476	858
Screamin Acres				
Bonehead	8-11	305	22 636	850

Blair Co. DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

October, 1986

The 20 high herds for the month of October are listed as follows

Owner	No Cows	% Cows Days In Milk		Milk Lbs	Fat Lbs
Clover Will Farms	142 0	89 8		21,938	797
Fidelity Holsteins	41 7	89 7		20,949	778
Fred + Gary Bechtel	87 3	89 3		19,619	755
Marcove Farm	71 7	88 4		20,726	754
Dale W Hoover	35 5	89 1		20,287	753
Thomas W Kelly	67 7	87 9		20,765	744
Richard R Fox & Sons	42 6	87 5		19,536	733
Burket Falls Farm	92 4	87 4		20,130	723
Emile Dilling	110 6	86 8		19,834	718
Penn-England	110 0	88 5		19,539	701
Blackcrest Farms	71 1	88 0		18,850	700
GW & RG Baker	71 7	89 6		18,986	696
Robert Kensinger	58 0	89 9		19,840	690
Charles & Mike Hoover	98 1	89 1		20,156	690
Phillip E Pheasant	72 3	91 7		19,661	689
Baker Farms	124 1	87 0		18,569	689
Lar Ann Farm	138 3	85 9		19,034	687
William R England	169 6	87 9		18,831	681
Dennis A Smith	60 2	87 1		20,224	680
Mil-Ber Farms	121 3	88 6		17,683	680
Metzler Carson Farm	121 9	88 1		18,757	680

The high cow for the month is a grade Holstein in the Clover Will Farm herd Cow #84C produced 28,359 pounds of milk and 1086 pounds of butterfat

Individual cow records of 305 days or less over 850 pounds fat

Over Lane Farms					
118	3	5-2	26,128	3 9	1025
Clover Will Farms					
17C	3	6-3	27,327	3 5	944
84C	3	5-3	28,359	3 8	1087
1D	3	5-2	27,029	3 6	985
15D	3	5-1	27,667	3 9	1067
45E	3	3-3	21,292	4 6	970
Metzler Carson Farm					
448	3	6-1	23,295	3 7	864
979	3	4-2	21,850	3 9	854
Burket Falls Farm					
Sophia	3	11 4	23,437	3 7	873
Karyn	3	4-4	24,238	3 6	866
Emile Dilling					
204	3	6-6	22,543	4 0	902
226	3	6-0	25,468	3 7	939
241	3	5-5	21,321	4 1	875
Dennis A Smith					
Fern	3	5-11	22,434	3 8	858
Fred+Gary Bechtel					
Glenda	3	3 10	21,330	4 2	886
Richard R Fox & Sons					
Pepper	3	3-11	25,846	3 9	1018
Harold & Bernard Bailey					
79	3	9-9	24,323	3 7	906
William R England					
462	3	6 6	25,534	3 4	860
523	3	5 6	25,511	3 4	864
625	3	3 10	24,472	3 6	876
Baker Farms					
414	3	6 8	22,588	4 0	895
516	3	4 0	26,741	3 4	897
Phillip E Pheasant					
295	3	3-3	21,183	4 2	895
Lar Ann Farm					
Alberta	3	4-0	24,920	3 5	867
Thomas W Kelly					
Lady Di	3	4-2	23,248	3 8	895
Charles & Mike Hoover					
Trish	3	3-8	24,684	3 9	954
Lucy	3	4 9	19,587	4 4	869
Robert Babe					
28	3	4-5	24,413	3 5	864
Fidelity Holsteins					
Dora	3	5-0	29,969	3 1	942
Eva	3	2 11	23,629	3 8	890
Jayray Farms J S Ferry					
AA 27	3	6 1	20 533	4 2	870

Columbia County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

October, 1986

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	3 Fat XLbs.
Shultz Bros	3	78 1	89 3	19,555	777
Frank L Jurbala	3	45 3	86 3	20,766	766
John W Turofski	G3	34 1	86 8	20,620	737
Richard Kriebel	B3	53 9	90 2	19,525	736
Richard Yule	3	45 6	87 0	20,796	735
Duane E Shuman	B3	29 6	89 1	19,177	711
Hunter Crest Farm	3	38 3	85 6	19,670	682
Richard Kriebel	2	13 1	91 1	14,060	682
Robert-Sue Rumsey	B3	29 2	87 7	18,959	668
William Bissinger	B3	37 0	84 4	19,000	663
Robert C Bronson	3	61 7	84 1	18,852	662
James L Kline	B3	24 2	89 0	19,614	660
Richard Hemsarth	2	45 3	87 4	13,603	654
J Robert Book	B3	67 7	87 6	17,586	651

The following cows completed lactations over 850 fat during October 1986

Shultz Bros						
6	3	5 4	305	22,483	4 5	1017
19	3	4 11	305	23 969	3 7	877
41	3	4 3	305	22 439	4 1	924
70	3	3 2	305	21 285	4 3	914
73	3	3 4	305	20,166	4 4	884
Robert C Bronson						
131	3	6 0	298	23 009	4 0	920
Pen Col Farms						
Dream	3	3 9	305	28 853	4 0	1154
#Lorena	3	3 4	270	20,906	4 2	870
Milady	3	3 1	305	23,433	4 5	1047
Richard Kriebel						
Ida	3	3 7	305	20 230	4 4	883
Richard Yule						
#Matti	3	5 1	305	26 282	3 9	1019
Craig Fester						
Bee	3	5 1	305	24 221	3 6	878
William Bissinger						
Bridget	3	6 2	305	24 044	3 8	918
Richard Hemsarth						
Lorna	3	3 5	305	16 020	5 5	888

BUY, SELL, TRADE OR RENT THROUGH THE

CLASSIFIED ADS

PHONE: 717-626-1164 or 717-394-3047

Mon., Tues., 8 AM to 5 PM -

Wed., Thurs. & Fri. 7 AM to 5 PM

1 FARM EQUIPMENT

MF tractor, 1085 diesel, 900 hours, 3 pt. hitch, dual hydraulics, 12 speed, 16 9x38 tires, like new $6,900. 609-768-1634.

MM 900, completely redone, new tires; NH 850 round baler, always kepted inside 301-833-1847

MUST SELL! Bridgeports & Bridgeport Type Mills From $1,050 and up, Lathes From $1,250 And Up, Multi Spindle Drill Presses, Horizontal Milling Machines, Power Stamping Presses, Large Assortment Of Machine Accessories, Parrishables Also At Very Low Prices. Call Steve at Adams Industrial, 717-632-3443.

Mustang 320 Skid Loader, $4,500. Dennis M. Miller Equipment Sales, 717-469-0691 day. 717-838-1888 eves.

New block for 60 John Deere tractor. Phone 215-759-2777.

NH 489 haybine, excellent condition, 2 yrs old, $3,500., Vicon 330 tedder rake, like new, 2 yrs old, $2,000., 3 hay wagons w/high sides, 2 of wood, $400 each, 1 of steel $900, JD drill, $200 717-769-6084

NH flail chopper, $700, JD #40 manure spreader, $300 Chester Co 215-696 1387.

JD A 1944, JD H 1940 hand start, good paint & rubber Hagerstown, MD. 301-582-0558

JD dual hubs, 10 hole complete, $300. 717-532-8926

JD model 58 loader, $2,500 717-532-7054

John Deere 3020 diesel, powershift, W.F.E., dual outlets, 540/1000 PTO, new injection pump, 12-V alternator starter, $6,200 o.b.o. 717-423-6268.

K Gleaner, both heads, excellent, $5,950 "The Combine Man". 814-635-3689

Kubota L-175, 200 hours, Woods belly mower, excellent condition, $3,800. 215-372-5175.

Lockwood 423 4 row potato planter; Super VI potato harvester, belted chain in excellent condition; Mark 76 potato harvester, belted chain in excellent condition 302-734-9966, 8:30 a.m to 4:30 p.m. 302-734-7645 after 6 p.m

MF 540, almost new, around 750 hrs., $10,000. 814-635-3689 after 6 p.m

MF 760 Dsl., V8 hydro Combine AC cab w/ heater, 30 5Lx32 tires, 16' table w/pickup reel & auto header heights control, Chopper & bin extension, v.g. condition, 301-272-2620 night.

MF Super 35 combine, 2 heads, in almost new condition, $1,950 219-862-2151.

Turbo complete w/ manifold off JD 2030, $350. 717-532-8926.

Two Chisholm Ryder 2R snap bean harvesters; IH 504 gas; IH 504 dsl. w/dump cart, good condition, $8,800 for the pair Columbia Co 717-784-0259 or 784-1038.

Tye 10' no-till grain drill, 15x8" pull type, $7,800 215-459-3646.

WANTED Good, used, NH 311 hay baler, New 456 NH mower; 752 NI crusher; NH 1003 bale wagon. 717-295-3137 or 717-394-5573

WANTED TO BUY Crawler & rubber tired construction equipment for dismantling or resale. Any condition, running or not running, cash paid Balanda Equipment P.O. Box 337 Hatfield, Pa. 19440 215-855-9207 Day or Night

Wanted: Combine w/10'-12' grain head and 2 row corn head. Write Lancaster Farming, P O Box 366, L-114, Lititz, PA 17543.

White-Oliver 1955, 2200 hrs., new batteries and hydraulic pump Must See $5,500 301-833-9091

WOOD SPLITTER Dansuser 4', $550 301-833-9091

NI 12A spreader; small spreader; Super C Farmall fast hitch w/ loader, mower, plow, cultivator; Minnick baling box. Harold Sample, 717-786-3087.

NI ground driven 17 manure spreader, like new, $1,575.; Farmall H tractor, WFE, live hydraulic, new paint, runs like new, $1,295.; Grimm hay tedder, PTO driven, $775., Ground drive Grimm hay tedder, $775 717-354-0266

PLANTER: AC 333, 6R no-till, liq. fert., $2,500/Offer 301-833-9091.

Pull type Speed King 20' fold up field harrow w/2 cylinders and spiked rake, $550, 4R JD corn planter w/disk openers, good condition, $375; 4-16" JD #1350 semi mounted plow w/gauge wheel and cylinder, $675 717-534-1253.

SAVE 50% PTO Alternators 20KW, $1,550.; 40KW, $2,195; Engine driven alternators 4KW, $595.; 5KW, $695, Pressure Washers 800 PSI, $399.; 1200 PSI, $895 Call 1-800-231-8277 Dunham Co.

SKID STEER: Case 1530B, 2 buckets, blade, needs motor, $2,000 301-833-9091

Tractor: John Deere-B, overhauled, painted, runs well, $1,400, also disc iron, round type, $75 717-382-4187

1 FARM EQUIPMENT

10' (Long) offset disk 717-482-2103.

1830 Case skid loader, 1976 Model w/dirt bucket, motor and drive recently overhauled, new wheels and tires along with a spare set of wheels and tires. $6,500. 717-665-5827.

1981 7720, 4WD, 1,200 & some hrs., excellent condition, $35,000. Larry Stalter, "The Combine Man". 814-635-3689

1983 Long 610SM, cleat track, 3 pt. hitch, PTO, single spool hydraulic, 64 h.p., 160 hrs., like new. Asking $9,000. 516-765-1248

3250 gal. Calumet liq. manure spreader, good condition. Stump Acres 717-792-3216. York County.

504 Farmall w/P. steering, torque amplifier, 3PTH w/mounted 2 MH corn picker, $1,750. Will sell separately. Delivery available. 717-534-1253.

6600 Sidehill, hydro, in excellent condition, located in PA. $15,800. "The Combine Man". 814-635-3689

7' Blades, $195; Lift Booms, $65; Platform Carriers, $60; Bale Spear, $148; 6½x10' Landscaper trailer, 14" wheels, $1075 or best offer. Union Co. 717-922-1851

7 Shank Glenco disc chisel plow; New 10' Brillion grass seeder, $2,650.; 16' Brillion harrow, $1,375.; Woods model 750 backhoe, $3,350.; H&S 220 bu. manure spreader, $3,600.; Used MF 202 backhoe, $3,600.; MF 135 diesel; 3 pt. round bale unrollers, trailers; Hesston & Vicon round balers & disc, mower conditioners; 7 used haybines & balers. Don Erdley Equip., Lewisburg. Shop 717-524-2410. Night 717-524-2408

8820 JD combine, 2400 hrs., 24' flex head, 6R corn head. 717-748-2563.

AC 160 tractor w/loader, good condition, buckets and fork, $3,800. 215-286-5373

AC 7000, cab & air, 2800 hrs., very good condition, $10,500. Will consider partial trade. 215-795-2350 after 7 p.m.

AC 7040 tractor, 135 h.p., cab, air, power shift, front & rear weights, dual hyd., radio, many extras, clean, excellent condition, $9,800. Make Offer. 717-249-2300

AC WC tractor, good condition with 3 point hitch adapter, $1,000; Snow blower, 6' wide, 3 point hitch, works well, $1,200 or make offer. Call 7 PM to 10 PM, 215-327-1840; if no answer, 215-323-4553.

Also Better Built lagoon prop-pit agitator, excellent condition, $2,000 negotialbe. 717-788-3510

Deere 343, $2,950., 443, $3,950.; 444, $2,950.; Deere 213 rigid, $1,950.; 814-635-3689 after 6 p.m.

BACKHOE JD 410, good condition, extend-a-hoe, $8,500. 301-833-9091

Belsaw, M-14 sawmill, brand new, 40' frame, 2 saw blades, 40" & 42", power take-off drive, asking $2400. #34 JD front end loader, rebuilt bucket, asking $500. 609-881-2537.

Buy Out Farmer Has The Following Items For Sale: Dari-Kool bulk tank, 410 gallons, perfect condition, $450.; JD 450 hydro push manure spreader, excellent condition, $2,750., Universal 3 horse rotary vacuum pump, A1 condition, $350.; Bedding shredder w/3 horse electric motor, excellent condition, $875. 717-727-2079

CAB for IH tractor, $225 or will trade for fenders. 609-397-1516.

Case 580 CK Wheel Loader & Backhoe, $6,000. Dennis M. Miller Equipment Sales, 717-469-0691 day 717-838-1888 eves.

Case 960 combine, used 1985 season, needs minor going over, ideal for small farmer or parts. $700. or B.O. 609-261-1316

Case 970, WFE, cab, air, low hrs., $6,800. 301-833-9091.

Case 970, WFE, manual shift, new rubber, 1,900 1 owner hours. Must See. $6,500. 301-833-9091

Case Uni Loader, 1537 model runs good $2,000. 717-933-4678

Cat D8 14A new S-A-L-T tracks JD 2010 loader & backhoe. Atlantic Co., NJ. 609-561 2332

CRAWLER DOZER. Case 750, excellent undercarriage, power tilt, $6,000. 301-833-9091.

CRAWLER TRACTOR PARTS
CURRENTLY DISMANTLING
AC, Cat, IHC, JD, Case, Michigan, Hough, Galion and others. Loaders, dozers, graders, excavators, rollers. Many parts removed & checked, ship anywhere.
JUST ARRIVED FOR PARTS
IH TD-6 62 series w/angle dozer, Carco winch & ROPS canopy w/sweeps. Many good parts on this machine. 2 Case 530CK loader/hoes. IH 125E w/ backhoe attachment.
USED PARTS PRICED RIGHT
Cat. 93342-A turbo charged engine, runs excellent, $2500. Parts brochure available.
Balanda Equipment Co
PO Box 337
Hatfield, PA 19440
Yard Location:
Quakertown, PA.
215-855-9207
Day or Night

Deere 3300, 10' head & corn head, $7,500. "The Combine Man", 814-635-3689.

Deutz 100-06, cab, very good condition. $6,800/Offer 301-833-9091.

Disc chisel 9 shank Binkley Wilbeck, excellent condition, $3,500 703-721-2150 or 703-721-2643 evenings

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

FOR SALE: 6' Carnial elevator w/belt for coal or corn; round 500 gal. Esco milk tank, still used, good cond. Can be used for milk, cider, syrup, etc. 717-865-2529.

FOR SALE: 775 dsl. NH skid loader, $3,650. 215-683-7943.

FOR SALE: Allis Chalmers 6070 tractor, like new, excellent condition, 800 hrs. 215-273-9884

FOR SALE: Brillion pull type chisel plow, 10 or 12', at Milton, DE. Good condition. $675 717-534-1253.

FOR SALE: Blackweldex tomato harvester, 3R Holland transplanter, side dump cart, trailer dolly. All good condition. 717-626-9327.

FOR SALE: Ingersoll Rand portable compressor; 165 CFM JD dsl., low hrs. and two sand blast machines, 300 lb. capacity each. One remote control, one manual, $7,500 takes all. 215-588-7834.

FOR SALE: JD 3020, PS, WF, $5,600; NH 489 haybine, $2,500; NH 679 spreader, $1,800 717-733-0575.

FOR SALE. JD 4020, WFE, P. shift, dual hydraulics, less than 500 hrs. on overhaul; F2 Gleaner combine, hydrostatic drive, 13' floating grain head, soybean corn special, dsl., 200 hrs. Accepting bids up to Dec. 15. Send bids to Barry K. Johnson, RD2, Airville, PA 17302 or phone 717-862-3833.

FOR SALE: Kubota 16HP hydrostate Model 7100, 4WD w/48" hydraulic angle blade, 125 hrs., like new. Lebanon Co. 717-865-2485.

FOR SALE: NH 357 grinder mixer w/electronic scales, 21" mill, 20' unloading auger, very good condition. Asking $4,500. Montgomery Co. 215-723-6523.

For almost any grain or corn head, at wholesale prices. Call "The Combine Man". 814-635-3689

Ford 4000 D, 540/1000, live PTO, diff. lock, engine overhauled last year, needs clutch, $2,600. Kelly all hydraulic loader for same, excellent, $1,250. 717-253-0296. 7-8 a.m.

Ford 8000, good condition, $3,800. 301-833-9091.

For Sale: 13 Shank mounted IH #55 chisel plow, $1475 Snyder Co., 717-837-0724.

For Sale: 405 MF Pull Type Combine, 12' floating cutter bar, hyd. reel, excellent condition, 609-655-0548.

For Sale: 8"x42' Westfield transport auger, 2 years old, like new. 215-799-3272.

For Sale: Bolen's snow blowers and plows; John Blue sprayer; Ford roll bars, loader bucket. Berks. 717-933-8695

For Sale: Diamond PA90, excellent condition. Must Sell. Reasonable Offer. 717-386-5777

For Sale: V12 Case stalk shredder; AC 4 btm. plow; AC D19 tractor motor. 717-529-2204

For Sale: Vermeer 504 & 403 Super G round balers; 256 round bale buster; 275 9' discbine. 412-423-4076

FREE TANKS: Must be moved immediately. (3) 8,000 gal.; (1) 4,000 gal.; (1) 3,000 gal. Can use for fuel, culverts, etc. 215-356-5305

Gehl #115 grinder mixer, 1000 RPM PTO, auger extension, good working condition. $1,400 or Best Offer. After 6PM 717-656-7994. Leola.

Gehl grinder mixer, model 95, very good condition, $2,300. or Best Offer. 201-359-5934 Evenings.

Grove hydraulic forage box mounted 1966 Chevy C60, poor; wrecked Grove forage wagon, good wood, $600 takes all. York Co. 717-229-2346.

Hesston Stak-Hand 10, good condition. Can be used to stack hay or corn fodder. York Co. 717-229-2210

Lancaster Farming
P.O. Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164

HOURS: Mon., Tues., 8 a.m. to 5 p.m.
Wed., Thurs., & Fri. 7 a.m. to 5 p.m.

The following categories are available for your classified advertising in Section C. Deadline-Thursday morning at 9 of each week's publication

1 - Farm Equipment
2 - Farm Equipment Wanted
3 - Silos and Unloaders
4 - Building and Supplies
5 - Grain Equipment
6 - Dairy Equipment

The following categories are available for your classified advertising, in Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

7 - Livestock Equipment
8 - Cattle
9 - Horses & Mules
10 - Sheep & Goats
11 - Swine
12 - Artificial Breeding
13 - Hog Equipment & Supplies
14 - Poultry & Supplies
15 - Feed & Seed
16 - Fertilizer
17 - Plants
18 - Fruits & Vegetables
19 - Nursery
20 - Lawn & Garden
21 - Services Offered
22 - Custom Work
23 - Help Wanted
24 - Situations Wanted
25 - Business Opportunities
26 - Household
27 - Pets
28 - Lost
29 - Found
30 - Computers
31 - Notice
32 - Miscellaneous
33 - Recreational Vehicles
34 - Autos
35 - Trucks and Trailers
36 - Real Estate

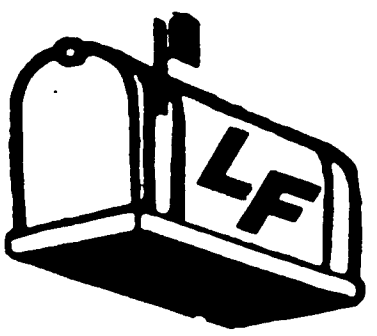
CLASSIFIED AD ORDER BLANK

PLEASE WRITE CLEARLY

MAIL TO:
LANCASTER FARMING
P.O. Box 366, Lititz, PA 17543

NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section D with Mailbox Markets.

DEADLINES:
SECTION B - WEDNESDAY AT 5:00 P.M.
SECTION C - THURSDAY AT 9:00 A.M. OF EACH WEEK'S PUBLICATION



Name _____

Address _____

City _____ State _____

Zip _____ Phone (___) _____

Please publish my _____ word ad _____ times starting with the _____ issue. Classify under _____. I enclose _____.

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: $2.00 additional. This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

CLASSIFIED ADVERTISING RATES

29¢ per word per week - 1 or 2 times
23¢ per word per week - 3 or more times
11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	3.19	6.38	7.59
12	3.48	6.96	8.28
13	3.77	7.54	8.97
14	4.06	8.12	9.66
15	4.35	8.70	10.35
16	4.64	9.28	11.04
17	4.93	9.86	11.73
18	5.22	10.44	12.42
19	5.51	11.02	13.11
20	5.80	11.60	13.80

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40

1 FARM EQUIPMENT

Hesston stack hand 10, processor 10, mover 10W, excellent condition. 804-277-5231.

IH 1066 tractor, excellent shape; IH 4 btm. R&L plow. 215-767-5512

IH 1066 tractor, late model, $6,500. 717-532-7054

IH 1086 w/cab, very nice condition; IH 806, nice condition. 717-532-7054.

IH 234 corn picker, barn kept, field ready, extra parts, mounts for Farmall 656. Can deliver. Must Sell. Asking $800. 301-489-4993.

IH 36 disc, 12', model 46; IH 800 corn planter; Grinder mixer, model 355, 21" mill, 13' unloading auger; IH Vibra Shank 14'; NH 315 baler. 717-426-1381

IH #50 Shredder, very good. NH #489 Haybine, like new. 717-444-3545.

IH 674 Diesel, low hours, very nice, with cab, $7,000. 717-532-7054.

IH 715 diesel, hydro, 13' 4-30", excellent, $6,750. Steven & Sam Stalter, "The Combine Boys". 219-862-2151

IH 720 plow, 4 bottom 18" auto reset. Late model NI 323, 1R picker, picked 175 acres. Both items in mint condition. 717-898-2088.

IRRIGATION EQUIPMENT: Long Hard Hose Traveler model 1820; Hale PTO Pump model 50FB2-3R1000; Hale Trailer Mounted Pump model #50FR-C413 high pressure high volume; 2500' Tico 8"x30'; 4000' Tico 6"x30'. 717-532-9108.

Jamesway shuttle units; 24T baler w/fodder chopper; Triumph cob blowing corn sheller; Bin wagon; Seed cleaner. 717-529-2528

JD 2020 diesel w/loader, nice condition, $6,500. 717-532-7054

JD 2940 tractor, nice. Priced to sell. JD 35 chopper, $1,400. 717-733-0575.

JD 3020 Diesel, WF, new paint, nice condition, $4,900. 717-532-7054.

JD 350 Dozer; Bobcat model 371 Skid Loader. Saxonburg, PA. 412-352-1081.

JD 4010D, NF, good condition, $3,300. 301-833-9091.

JD 4020, side console w/cab, nice condition. 717-532-7054.

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Ford 2000 Gas	JD 1630
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(2) Ford 3000	JD 3120
Ford 3600, 1981 w/PS	JD 3130
Ford 3910	(2) JD 4040, 2WD
Ford 4000 1966	(2) JD 4240, 2WD
Ford 4100	(2) JD 4240, 4WD, cab & air
Ford 4110	JD 4640 w/cab, 4WD
Ford 4600	Farmall H
(2) Ford 5000	IH 574 Gas
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Ford 7000 DP	MF 1080
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- Farmall 340 Trac
- White 2-135 Tractor
- MM 670 Gas Tractor
- Haybuster 1068 No-till Drill
- NI 213 Manure Spreader
- White 281 10' Offset Disc Harrow
- Century 200 gal 3 pth weed sprayer, 35' Boom
- 18' Hydraulic Fold Field Cultivator
- 18' Brady Hyd Fold Chisel Plow
- JD 5B 16" Plow
- JD 3B 16" Plow
- Ford 2 Row Cultivator
- Fox 728 2R Corn Head
- NI Rotary Cutter
- NH 512 Manure Spreader
- White 271, 23' Disk Harrow
- Brady 722 Flail Shredder
- Hesston 7150 Forage Harvester
- Westfield 31'6" Auger
- Cardinal 53'8" Auger
- Glencoe Field Cultivator
- Better Bilt 1100 Gal Liquid Spreader
- Ford 501 Mower
- Danco Rear Unload Forage Box
- Woods 12' Flail Shredder
- White 8700 Combine
- JD 1240 Plateless Planter

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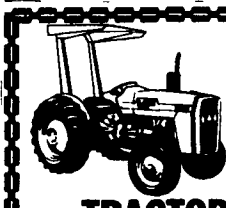

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- MF 50C Tractor w/Loader & Cab
- MF 204 Tractor w/Loader
- MF 750 Combine w/Attchs.
- MF 510 Combine w/63C Corn Head

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- MF 240 Tractor
- MF 240 Tractor
- MF 283 Tractor
- MF 1030 Tractor 4 WD
- MF 1020 Tractor w/Turf Tires
- MF 1010 Tractor w/218 Mower
- MF 1010 Tractor
- MF #43 2B Plow
- MF 427 No-Till Drill
- MF 226 Scraper Blade
- MF 227 Scraper Blade
- MF 22 Bale Thrower
- MF 218 3 pt. Rotary Cutter
- MF 222 Scraper Blades
- MF 1018 Mower

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TRACTORS

- 1978 JD 4040, quad range & canopy, $10,500
- 1972 JD 4020 power shift, diesel, 18.4x34 tires, $6,500
- 1967 JD 3020 diesel, WFE
- JD 2020 utility, gas, high & low, $3,800
- Ford 4000 Diesel Power Steering, 18.4x30 tires, $3,600 SOLD
- JD 3020 Gas, W Front End, $3,750 SOLD
- Int. 230, fast hitch, $1,150
- MF 50 Gas, Power Steering, 3 Pt., Nice, $3,100
- MF 35 Gas, $2,200

GRINDER MIXERS

- Gehl 135 Hydraulic Drive
- NH #358, like new $6,100
- NH 358 grinder and mixer, Hay Feeder $3,500
- NH 355 Grinder, $3,250 SOLD

TILLAGE EQUIPMENT

- White 9' trans disc, nice $950 SOLD
- Kasco 12' 12 tooth type chisel plow
- White #252, 13' Wing Disc, $1,500
- Brady 1000, 10 Tooth, 3 Pt. Chisel Plow, $900
- Oliver 4x16 Automatic Reset Plow, $1,650
- Oliver 3x16 Automatic Reset Plow, $1,350

FORAGE EQUIPMENT

- NH 890 Harvester, w/2 Row Narrow 822 Corn Head, $2,850
- NH 28 blower, nice, $1,300
- NH 6' Open End Pickup, Fits 770 Harvester, Sharp, $975

MISCELLANEOUS

- JD 148 Loader, Nice, Fits 3020, $2,100

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Meadow Valley Rd., RD 2
Ephrata, PA 17522

USED EQUIP.

- JD 4630 Tractor w/Cab
- JD 4440 Tractor w/Cab
- JD 4020 Side Console WF, Dual Wheels
- JD 2840 Tractor
- JD 2640 Tractor
- JD 650 Tractor
- IHC 856 Tractor
- Case 770 Tractor
- JD 24T Baler w/30 Ejector
- NI 708 Power Unit
- JD 7000 4R Conv. Planter w/Liq. Fert.
- JD 7000 4R Conv. Planter w/Dry Fert.
- JD 7000, 4R Planter w/Dry Fert.
- JD 7700 Combine
- JD 7700 Combine w/640 C.H. & Platform
- JD 6600 Side Hill Combine w/444 Corn Head
- JD 3800 Chopper
- JD 38 Chopper
- JD 34 Chopper
- Bush Hog 160 Rotary Mower
- NI #323 1 R Corn Picker
- JD 510 Round Baler
- JD 27 Shredder
- JD 640 Rake
- JD 660 Rake
- JD 1217 Mower Conditioner
- JD 1219 Mower Conditioner
- JD 400 Grinder Mixer
- JD 660 Rake
- JD 1450 5 btm. Plow
- JD 1450 4 btm. Plow
- JD 350 5 btm. Plow
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- (1) Used Hay Wagon

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- OMC 540 N Mover
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- IH 37 Baler
- NH 310 Baler
- NH 315 SS Baler Exc.
- NH 56 Rake
- Butler Oswalt 1830 Ensilmixer
- Butler 280 Ensilmixer Stainless Steel Lined
- IH 56 Blower
- NH 519 Spreader Hyd Endgate
- NH 679 Spreader w/Hyd End Gate & Top Beater
- NH 770 Harvester w/Electric Control.
- NH 467 Haybine
- NH #8 Forage Box
- JD 7000 Corn Planter 6 Row Narrow w/Monitor
- Gehl 99 Blower
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- JD 7720 w/4WD, 1,830 Hrs. w/JD 220 flex cutter bar, and JD 843 corn head
- JD 7700, 15' Platform 1971
- JD 7700 Gear Drive, Rotary Screen, 15' Cutterbar, 1975

TRACTORS

- '78 JD 2440, 940 hrs., excellent condition
- '74 IH 1066
- '71 JD 4620, Cab, Dual, 20.8 Tires
- '73 JD 4430, Cab & Air, QR Dual 18.4x38
- IH 184 Low Boy w/60" Woods Mower

TILLAGE

- 15' Ford disc harrow w/dual whls.
- JD F145, 4 btm. semi plow
- Ford 4 btm. 16" mounted plow

PLANTING EQUIPMENT

- JD 7000 Front Fold No-Till Coulters, Liq. Fert.

MISCELLANEOUS

- Farm Hand XG-50 tub grinder, excellent condition, 2 yrs. old, all updates installed, $16,000
- JD 35 Harvester w/2 RW Head
- JD Rotary Hoe 3 Pth.
- Century Recycling Sprayer
- Hesston Round Baler 5600
- JD 350 Sickle Bar Mower, 3 Pt., Like New, cut 5 acres, $1,700
- JD 336 Baler
- IH 3 pt. hitch sickle bar mower

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IHM $1,100
IH F300 ..... $1,800
IH 184 Mower & Tiller $5,000
IH 674D $9,250
IH 100 Fast Hitch, Plow & Cultivator $2,400
IH Cub w/Cultivator $1,750
IH 464 G $5,250
Farmall 460 ..... $2,250
Yanmar 187 w/RM500 Mower $7,500

TILLAGE

AC 4 Row NoTill Planter $2,250
IH 56 Planter $1,250
JD Pull Plow $250
IH 55 Chisel 13 Ft. $2,400
8 Ft. Cultipacker $300
Lely Turf Shaper $3,500
Used Balers ..... $975 - $2,750
Used Mower-Conditioners ..... $1,800-$5,100
Used Kuhn Tedder, 13 Ft. $975
Used Grimm Tedder $1,250
IH 540 Spreader $1,200
NH 320 Baler & Kicker $8,250
IH 550 Spreader $1,000
NH 519 Spreader $1,000
NH 27 Blower $975
AC Blower $500
NI 319 Picker To Fit 656 ..... $900
IH 800 Cyclo Planter, 4 Row $8,500
Speedco 3 Pt. Splitter $450
10 Ft. Brillion Culti-Packer $475

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7 Shank Spring Cushion
List $6200
Sale $5,300

TRACTORS

JD 2510 Gas
JD 4030 w/cab
JD ~~SOLD~~ JD 1530

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New 18 Ft. Field Cultivator
New 12 Ft. Disk
New 18 Ft. Wing Disk
New Coulter Type Chisel Plow, 7 Tooth
New Tillage Saver
JD 32 RW Disk
JD 12 Ft. Spring Tooth Harrow
1 Used JD 310 Disk, Black Frame

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New Bale Wagons
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MISCELLANEOUS

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Reasonable Rates - All Work Guaranteed

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JD 730, very nice, $3,500; Oliver 1755, very nice, $7,000. 717-469-2138.

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JD 4-38" row 7000 plateless planter w/no-till coulters, liq. fert., insec. boxes and monitor with plant population and acreage counter, $4,900. 814-364-1349.

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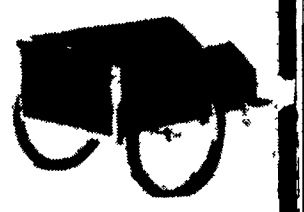

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NEW & USED TRACTORS

NEW:	USED:
JD 650, 2 WD	JD 4040 Power Shift
JD 850, 2 WD	JD 2840
JD 2750, 4 WD	Farmall H
JD 3150, 4 WD	Farmall Super A
JD 4050, 105 HP	Ford 6000 w/Cab
	Ford 8000 w/Cab
	JD 1520 Row Crop, Gas

NH L-250 Skid Loader w/42" Bucket and Fork $6,725

- New Ag Tractors—Waiver Til Sept. 1, 1987

MISCELLANEOUS- New & Used!

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- One w/2888 Hours $10,500
- One w/1950 Hours $11,500

(2) 444 Cornheads And 213 Grain Table Available For Above Combines!
JD 6620 Sidehill Combine, Late Model, Very Good Cond., Low Hours ..... Call For Price!
Waiver of Finance Until Sept. 1987!
Combines Are Ready To Go—We Welcome Your Trade! Come See... Reasonable Offers Accepted!

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★ Hay Equipment Waiver To 7/1/87 with 5.9% Financing, or 0% For 30 Months, or Huge Discounts For Cash!

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NH 329 w/Splash Guard	Sale	$3,170
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Deutz-Allis 6035, 33 HP 8F-2R trans
Deutz-Allis 6275, 73 HP, 12F-4R trans, Dual Remotes

SPECIAL OF THE WEEK
All Hay Equipt

Deutz-Allis 6080 84 HP 12F/3R trans, cab
Deutz-Allis 5220, 21 HP, 12F-4R trans, turf tires
Deutz Allis 6265, 65 HP, 12F-4R trans dual remotes
Landini 5830, 42 Hp 12F/4R trans 4WD Make Offer
SM40CR Mower Conditioner $4,545
HD 490 Square Baler w/Thrower 23T per hr, $10,150
KH 500 17' rotary tedders $2,595
KH 300 9'10" rotary tedders $1 595
KS 85DN 9'10" rotary rake $1,995
KS 150AS 10'10 rotary rake $2 095

USED TRACTORS & EQUIPT
DX 160 Radials Cab Air Heat
MF Ind Tractor & Loader Shuttle Shift $5 900
IH 656 Dsl, Cab 15 5x38 tires
MF 65 Tractor Mechanics Special
NH 850 round baler excellent shape
JD 1209 mower conditioner, stub guards $3,500
Deutz Basic F2L-912 Rebuilt Exchange Engine w/warranty $1,620 Block & Crank Must Be Rebuildable

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USED EQUIPMENT

*** 8.8% Financing or Waiver of Interest**
Tractors 6/1/87 — Combines 11/1/87

TRACTORS

4534 IH 986
4646 IH 560
4722 IH 4568
6490 AC 7000
6482 IH 1586
4783 IH 886
4558 Farmall H
6541 Case 630
6536 IH 5488

COMBINES

*6443 AC L2
*3058 JD 7700 w/Chopper
*6512 AC A
*3784 IH 1440
*3882 IH 915
*3983 IH 915

TILLAGE

6403 JD 210 Disc 13'
4524 Ford 142 Plow 5x16
6103 Sunflower HB Chisel Plow 27'
3841 IH 540 Plow
3799 IH 370 Disc 13'
6491 IH 14 Subsoiler
4659 Krause 4133 Field Cultivator
6325 Krause 1924 Disc 20'
4099 Krause 1966 Disc 31'
5054 Krause 2143 Disc 42'
5457 Krause 2413 Disc 23'
4667 JD 12 Shank Chisel Plow
5561 JD 210 Disc 13'
6545 IH 140 Rollover Plow 4x16
5419 JD 22 Shank Chisel Plow
5534 Glencoe Soil Finisher 20'
4773 Glencoe 12 ft. Soil Finisher
3301 Wilrich Field Cultimulcher, 37'
4092 Miller 20' Offset Disc
4587 Brillion 16' Field Cultivator
6494 Brillion 21' Crowfoot Packer

MISCELLANEOUS

6547 JD 151 Shredder
4537 JD 400 Gal Sprayer
6531 IH 1190 Mower Conditioner 9'
6393 Gehl Grinder Mixer
6334 Gehl 1500 Round Baler
4031 NI 212 Manure Spreader
6516 IH 40 Shredder
5487 NH 280 Baler
3561 NH 495 Haybine
3837 NI 245 Manure Spreader
3900 John Blue 1000 Gal. Sprayer
4613 IH 60 Shredder
4887 Rhino Flex 15 Mower
6304 Lilliston 7-6 Mower
4965 Lilliston 7-6 Mower

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MF 2745
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MF 175
MF 1105
MF 1155 w/cab & air
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AC field cultivator
7 tooth soil saver
7 tooth Chisel Plow
Int. 3 bottom reset plow
White 4 bottom reset plow
NH 718 Harvester

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717-859-2712

JD 2 row potato digger, on rubber, model #30, power takeoff, hydraulic lift, in good condition $950

Cunningham stem crusher, model #60, 7' pull behind, in good running condition $450

Irrigation System, complete w/Hale, model #40RB-1000, power takeoff pump (like new), 1,000 gpm at 100 PSI at 1,000 rpm (requires minimum 50 h.p. tractor), includes 1,100' of 4" & 5" aluminum pipe, fittings & 10 sprinkler heads $5,200

Snoco rotary corn cleaner, complete w/electric motor (used to preclean shelled corn prior to drying or storage), like new $300

215-262-6205 After 7 p.m.

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Call Now For These December Specials

Stock No.	Self Propelled Haybines	Dec. Sale Price
UB0142 —	NH 1495 (Diesel) Hydr Dr w/Cab & Air	$15,995 00
UB0090 —	NH 1495 (Gas) Planetary Dr w/Partial Cab	10,900 00
UB0128 —	NH 1495 (Gas) Planetary Dr w/Partial Cab	8,995 00
UB0083 —	NH 1469 (Ford Gas) 9' Cut w/Partial Cab	4,495 00
	JD 830 (Gas) 12' Cut No Cab	1,995 00
	Pull Type Haybines	
UB0034 —	NH 495 12' Haybine w/Lat Transport	3,995 00
UB0119 —	NH 495 12' Haybine w/Lat Transport (As is)	2,295 00
UB0013 —	NH 489 9' Haybine (As is)	2 495 00
UB0072 —	NH 489 9' Haybine (As is)	2,295 00
UB0110 —	NH 489 9' Haybine (As is)	2,995 00
UB0114 —	NH 479 9' Haybine	2,495 00
UB0134 —	NH 479 9' Haybine	2,495 00
UB0140 —	NH 479 9' Haybine (As is)	1,895 00
UB0067 —	Hesston 1010 Hydro-Swing 10'	2,295 00
UB0035 —	Hesston PT 10 9' Haybine	1,495 00
	Balers	
UB0118 —	NH 855 Round Baler w/Auto Wrap	8,495 00
UB0019 —	NH 320 Baler w/#70 Thrower	5,895 00
UB0131 —	NH 320 Baler w/#70 Thrower	5,495 00
	NH #70 Thrower (Fits 320 Baler)	1,295 00
UB0139 —	NH 276 Baler w/#58 Thrower	2,695 00
UB0127 —	NH 282 Baler w/#62 Thrower	1,995 00
	Rakes	
UB0141 —	NH 256 Rake w/Dolly Wheels	1,395 00
UB0133 —	IH 35 Rake	1,095 00
UB0132 —	Vicon 3 Pt 4 Whl. Rake	395 00
	Uni Equipment	
UA0019 —	709 Uni Tractor w/Rear Whl Assist & Wgt	17,900 00
UA0053 —	705 Uni Tractor w/767 Super Chopper, 766 Hay Pickup & 763 3 Row Head	11,900 00
UA0012 —	760 Uni Harvester (As is)	395 00
	2- 766 Uni Hay Pickup (As is)	495 00
	2- 762 Uni 2 Row Head (38") As is	595 00
UB0055 —	741 Feeder House (As is)	1,195 00
	Pull Type Harvester & Heads	
UB0092 —	NH 892 Harvester w/New Knives	5,995 00
UA0063 —	NH 770 Harvester	2,295 00
UB0143 —	NH S717 Harvester	1,295 00
UB0120 —	IH 830 Harvester w/Hay Pickup & 2 Row Head (30") As is	2,495 00
UB0136 —	IH 830 Harvester w/Hay Pickup & 2 Row Head 30"- Also Has New Knives to be Put in (As is)	2,495 00
UB0048 —	NH 717 Harvester (As is)	295 00
UB0093 —	NH 880W Hay Pickup Head	995 00
UB0059 —	NH 880 N 2 2 Row Corn Head (30")	1 195 00
UA0040 —	NH 880 R 2 2 Row Corn Head (38')	795 00
UA0064 —	NH 717 W Hay Pickup Head	695 00
UA0065 —	NH 717 R 2 2 Row Corn Head (38")	695 00
UB0144 —	NH 717 R 2 2 Row Corn Head (38 ')	695 00
UB0135A	JD 2 Row Corn Head (30")	995 00
UB0135D	JD Hay Pickup Head	995 00
UB0135C	JD 1 Row Corn Head	295 00
UA0030 —	NH 741 1 Row Corn Head	295 00
	Misc.	
UA0026 —	Bear Cat 11' Packer	495 00
UA0050 —	IH 56 4 Row Corn Planter (38")	1 295 00
UA0052 —	IH 55 4 Row Corn Planter (38")	1 195 00
UA0059 —	MH 35 Combine	795 00
UA0067 —	Farmec Gravity Bin w/Gear	395 00
UB0106 —	M&W 12' Field Cultivator	1 295 00
UC0043 —	NH L445 Skid Loader w/Bucket & Rebuilt Engine (30 HP)	7,495 00
	IH 2A Hay Conditioner	100 00
UC0044 —	NI 213 Manure Spreader w/ 3 Beater Reconditioned	1,895 00
UC0039 —	NI 213 Manure Spreader w/Single Beater w/ Hyd Endgate	1 595 00
UC0029 —	NH 516 Manure Spreader w/3 Beater	400 00

SHARTLESVILLE FARM SERVICE
R.D. 1 Box 770
Hamburg, PA 19526
Phone (215) 488-1025

DEUTZ ALLIS · NEW IDEA · NEW HOLLAND

Real Deals On Badger Rental Equipment

	List	SALE
5200 Gallon Tank	$25,195.00	$13,140.00
3350 Gallon Tanks		
#II	$12,175.00	$6,600.00
#III	$12,175.00	$8,315.00
#IV	$12,175.00	$10,785.00
4-Tooth Injector Tank	$14,720.00	$11,720.00
2300 Gallon Vac. Tank	$11,875.00	$9,885.00
#3330 Spreader with Endgate	$9,600.00	$7,085.00
8' Pit Pump	$4,660.00	$4,110.00
10' Pit Pump	$4,825.00	$4,000.00
12' Pit Pump	$4,935.00	$3,290.00
Lagoon Pump	$6,475.00	$4,710.00
Lagoon Pump	$6,475.00	$4,290.00
Wic Lagoon Pump	$9,485.00	$5,285.00
Souper Mixer	$2,475.00	$2,130.00
Wagon With Roof 16' Tandem	$9,450.00	$6,183.00
Wagon With Roof 16' Tandem	$9,450.00	$6,520.00
14' Wagon	$7,611.00	$4,275.00
54" Blower	$3,115.00	$2,420.00
54" Blower	$3,115.00	$1,600.00
Badger Bale Chopper	$2,075.00	$1,475.00
Badger Bale Chopper	$2,075.00	$1,340.00
Mower Conditioner	Trade-In	$1,450.00
Forage Harvester With 2-Row Corn Head		$3,450.00
Ear Corn Roller Mill On Trailer	$11,000.00	$6,475.00
Ear Corn Roller Mill On Trailer	$11,000.00	$6,960.00
Massey Ferguson Grain Drill		$1,790.00

Show-Ease Stall Co.

JOHN E. KREIDER
573 Willow Road, Lancaster, Pa. 17601
PHONE: (717) 299-2536

AS IS, WHERE IS, MANURE SPREADER SALE!

Due to the fine response of the new New Idea 360 Series Manure Spreaders, we have an abundance of manure spreaders.

Tag #		
1429	Starline RH Tank Spreader	$250
1529	NH 510 Manure Spreader	$750
1447	NH 512 w/Top Beater Manure Spreader	$1,495
1597	NH 679 Tandem Spreader w/Hydraulic Gate	$3,695
1902	NI 213-217 Manure Spreader	$995
1435	NI 213-217 w/Hydraulic Gate Manure Spreader	$995
1488	NI 214-217 w/Hyd. Gate Manure Spreader	$795
1990	NI 218 Tandem Manure Spreader	$795
1892	NI 218 Tandem Manure Spreader, new web, new paint	$1,850
1843	Hesston 1400 gal. Self Loading Spreader	~~$2,750~~ $1,295
1486	Better Bilt 2600 gal. Liquid Spreader	$2,500
1100	NI 214-216 Flail Manure Spreader	$1,190

Recent Trades -- Just Arrived

NH 520 Manure Spreader w/Top Beater, 2 years old, like new
JD 5B-18" Semi Mount Trip Plow
J&D 3 pt. Log Splitter
NI 214-217 Manure Spreader w/Hyd. Gate

December Special
NI 484 Round Baler w/Bale Slicer (DEMO)
New warranty. One only.
List ~~$10,670~~
Now $7,965

Snowflake Special
Bervac 8' 3 pt. Snow Blower, 100HP plus gear box (DEMO).
Call for snowflake discount.

Ford 3000 Tractor w/Hyd. Sauder Loader
Ford 9N Tractor w/Motor
Used Arps 7', 350 Blade
Ford 501 3 pt. Sickle Bar Mower
Ford 201 3 pt. Disk Harrow
Tag #
1454 Wic 7HP Straw Chopper
1464 Wic 7HP Bedding Chopper
1431 Wic 7HP Straw Chopper
2 Weaverline 320 Silage Carts
Chatanooga 11' Packer
Woods Bros. 1R Corn Picker

DUTCH AUCTION

New Equipment	List	Starting Price 3/10	Daily Reduction	Price Today 12/6
Soil Finisher Glencoe 12'9"	8,379.00	7,482.00	8.00	$5,650.00

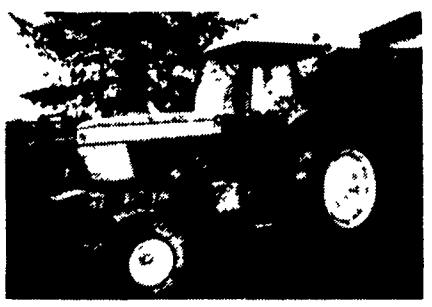
Tag#	Used Equipment	Starting Price 3/10	Daily Reduction	Price Today 12/6
1881	Corn Planter White 5400 4RN w/liquid	$1,948.00	$ 2.00	$1,490.00
1602	Combine IH 403 w/3RN head & cab	7,890.00	10.00	5,600.00
1920	Haybine New Holland 495 12 ft Roto Reel	3,895.00	5.00	2,750.00

Umberger's Of Fontana, Inc.
RD 4, Lebanon, PA (Fontana) 717-867-5161
Mon.-Thurs.-7:30-5:00; Fri.-7:30-8:00; Sat. 7:30-4:00

USED TRACTOR CLEARANCE

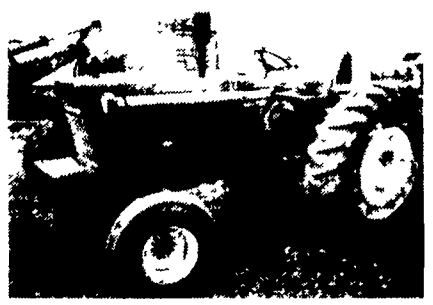
One Stop Shopping For 40 HP Industrial Loader Tractors Priced To Sell Fast!

1200 Ford Diesel w/Dozer Blade

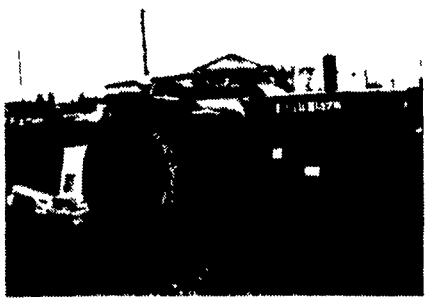


Ford TW5 w/Cab

Ford 3400 w/730 Ind. Loader -3 Pt. Hitch & PTO

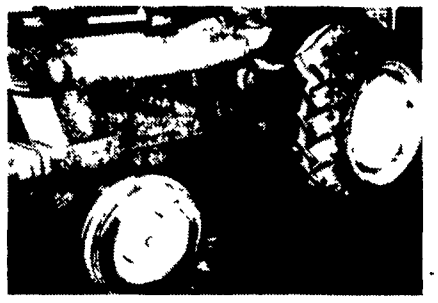


Ford 5000 Diesel, 8 Speed

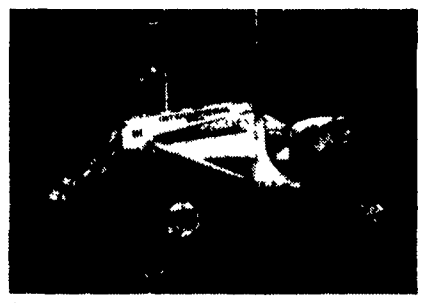


Kubota L175 Diesel w/Woods Mower

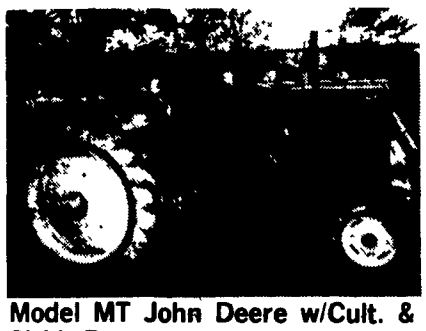
Ford 5000 Diesel w/Turbo Charger & Cab



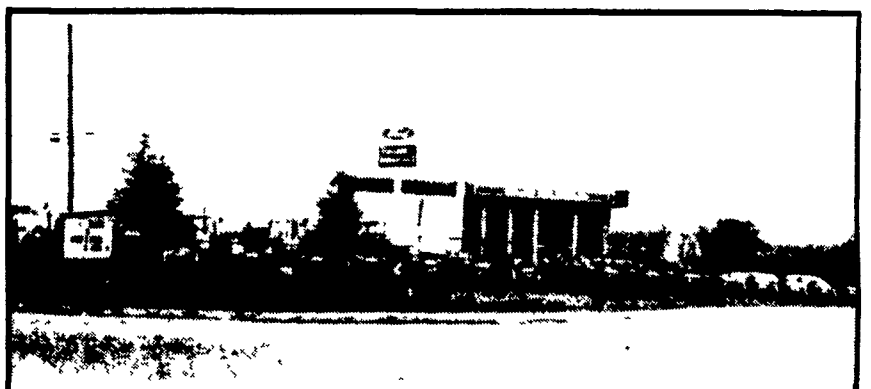
5000 Ford Diesel Selecto Speed



(2) IH 2404 w/Loaders, 3 Pt. Hitch & PTO



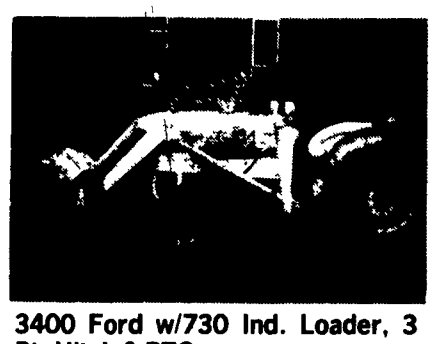
Model MT John Deere w/Cult. & Sickle Bar



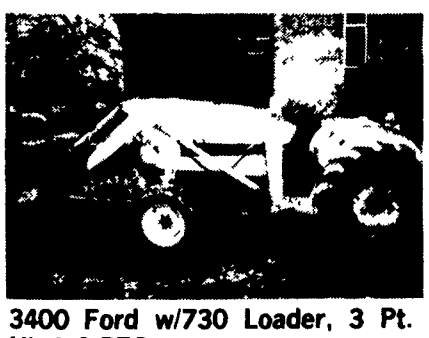
LANCASTER FORD TRACTOR, INC.
1655 Rohrerstown Rd., Lancaster, PA
Flory Mill Exit Off Rt. 283
(717) 569-7063
Lancaster County Reliables

3400 Ford w/730 Ind. Loader 3 Pt. Hitch & PTO

480 Case w/Loader, 3 Pt. Hitch & PTO



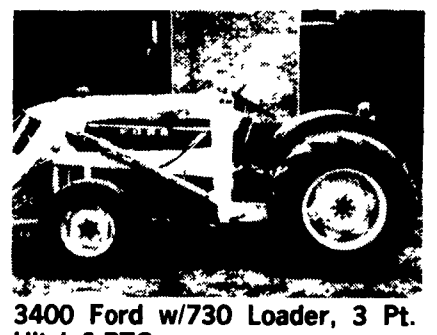
3400 Ford w/730 Ind. Loader, 3 Pt. Hitch & PTO



3400 Ford w/730 Loader, 3 Pt. Hitch & PTO

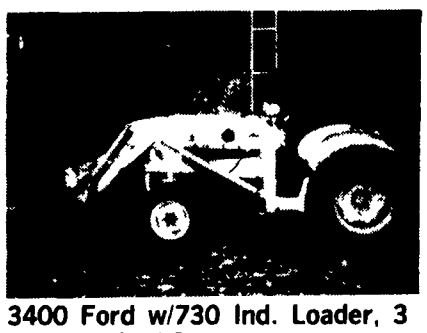
Case 480 Ind. Tractor Loader w/3 Pt. Hitch & PTO

IH 340 w/Loader, 3 Pt. Hitch & PTO

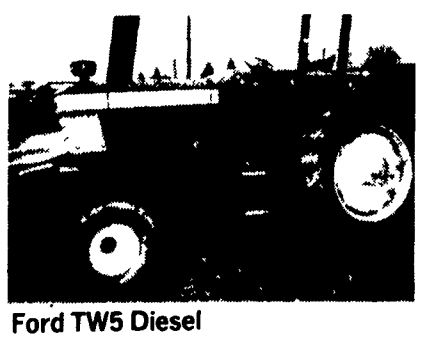


3400 Ford w/730 Loader, 3 Pt. Hitch & PTO

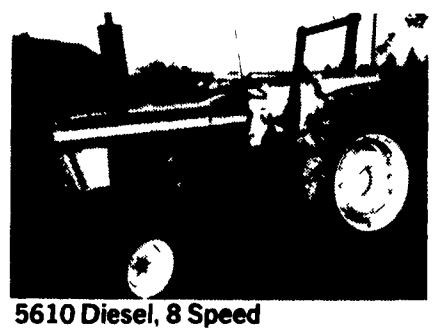
IH 404 w/Loader, 3 Pt. Hitch & PTO



3400 Ford w/730 Ind. Loader, 3 Pt. Hitch & PTO



Ford TW5 Diesel



5610 Diesel, 8 Speed

10% OFF Die Cast Metal Tractor Toys

Ford Tractors Equipment

AC 7000 Dsl. Tractor
AC 185 Tractor
AC CA Tractor w/ Cultivator
AC D17 Dsl. Tractor
AC D17 Gas Tractor
Farmall Cub w/1R Cultivator
OMC 450 Grinder Mixer
JD 40 Manure Spreader w/Upper Beater
NI 214 & 218 Single Beater Spreader w/Hyd. Endgate
NI 382 Spreader, Solid Plus

ROY H. BUCH INC.
Ephrata
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NEW TRACTORS
234- Turf Tires
585
485
385 w/2200 Loader

NEW EQUIPMENT
IH 86 Rake
IH 15 Baler Thrower
1190 7' Mower Cond.
530 Spreader
540 Spreader
2200 Loader

USED TRACTORS
Farmall 656
Farmall H
Farmall C w/Equip. Cult., Plow, Snowblade, Mower, like new
154 LowBoy w/mower
Cub Low Boy w/mower & blade
184 Low Boy w/mower
Toro Golf Course Tractor
Set of Toro Gang Mowers

case IH
LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

USED EQUIPMENT

SPECIAL OF MONTH
NI 323 Corn Picker
1R, Used 500 Acres
$3,500

TRACTORS

JD 8450, low hrs., w/Folding JD 335 Disk	
JD 4630 w/duals, PS, engine overhauled	$17,000
JD 2940, 1275 hrs.	$15,000
JD A w/227 Picker	$ 1,400
IH 1486 w/Duals	$15,900
IHC w/Equip.	$1,900
IH 350 w/Loader	$1,700
Ford 3000, reconditioned	$ 5,000
Ford 6000	$ 2,900
MF 1105 w/Cab	$12,500
AC B w/Attachments	$1,200
JD 2010, need engine work	$1,200
AC D14	$ 2,500
Oliver 1650 Diesel Overhauled	$ 5,500
Long 450 Dsl.	$4,500

COMBINES

JD 6620 Side Hill w/643 C.H. & 215 Flex, Reconditioned	$53,000
JD 6620 Side Hill	$37,000
JD 444 Corn Head	$ 4,500
JD 443 Corn Head	$ 5,500
JD 215 Flex Head	$ 4,500
JD 215 Rigid Head	$ 3,500

PLANTERS

JD 6R Cons., Dry Fertilizer	$ 7,900
JD 4 Row Consv. Liquid	$ 5,400
JD 4R Cons. w/Dry Fert.	$ 5,900
(4) JD 6R Consv.	Starting at $ 7,500
IH 400, 4R.	$ 1,200

TILLAGE

JD BWA 16' Wing Disk	$ 2,200
JD 1600 Pull Type 10' Chisel Plow	$ 1,900
IH 370 12' Disk	$ 1,800
IH 11' Pull Type Chisel Plow	$ 700

Assortment of JD & Ford 2-3 Bottom Plows

HAY & HARVESTING

JD 1219 Mower Conditioner	$ 5,900
JD 336 Baler	$ 4,500
JD 14T Baler	$ 1,200
Gehl 1500 Round Baler	$ 3,500
NH 851 Round Baler	$ 4,500
NH 276 Baler	$ 2,500
JD 750 Grinder Mixer	$ 3,500
JD 894 Rake	$ 500
NH 469 Haybine	$ 1,000
IH 720 Harvester w/2 Heads	$ 3,500
Ford Sickle Mower	$ 400
(2) JD 965 Wagons w/Hay Racks	$ 1,200 each

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

Just Arrived
New Shipment of NEW HOLLAND FARM TOYS!

USED EQUIPMENT

TRACTORS
White 2-70 Tractor

COMPACT TRACTORS
IH 234 Diesel, 4WD

SKID LOADER
NH L35

HAY TOOLS
NH 273 Baler w/Thrower
NH 276 Baler w/Thrower
NH 469 Haybine
NH 479 Haybine
Owatanna 217 Haybine, 9 Ft.
NI 290 Mowditioner

GRINDER MIXERS
NH 353

SPREADERS
NH 676 Spreader w/Hyd. Endgate
JD 465 Tank Spreader
NI 214, 3 Beater

SPRAYERS
Walsh 300 Gal.
Cent. Tractor 300 Gal.

PLANTING & TILLAGE
Brillion 14' Transport Harrow
IHC 400 4-Row, No Til
Case 7' Soil Controller
Oliver Superior No. 26 Grain Drill
IH 37 14 ft. Disk

MILLER DISK
10 Ft., 5 Inch with Leveling Cylinder
$6,350

PICKERS
WD Allis Chalmers w/NI Mtd. Picker

LAWN & GARDEN
White 1610 w/42" Mower
Crown Stone Picker, 4½ Ft. Wide, Hyd. Driven
Cub Cadet 72 w/Mower
Cub Cadet 106 w/Front Blade & Mower

NORMAN D. CLARK & SON
Honey Grove, PA 17035
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Located 14 Miles South of Port Royal on Rt. 75

SUPER SPECIALS
New Model 385 Deutz-Allis Corn Planter 4 or 6 Rows - Liquid Or Dry Fertilizer - Air or Plate Units
Call For Special December Price

USED EQUIPMENT

Deutz 8006 Used Tractor, Ex. Cond.
MF 230 1400 Hours, Excellent Condition
XT 190D AC Tractor, Real Nice
NH Model 90 Bale Handler
AC 4 bottom SC plow
IH 400 Cyclo 4 Row Planter w/No-Tills Yetter
IH 400 Cyclo 6 Row Planter
Cagle 750 Gal. Tandem Axle Field Sprayer, Monitor and Fully Equipped
LKS Combine w/Grain And 630 Corn Head
MF 205 Combine w/240 Corn Head

SPECIAL SALE
KUHN MOWERS RAKES AND TEDDERS
Call For Special Year End Price

Planters w/Dry Fertilizer
No-Tills, Insecticide Units. Complete
Plate Planter, One Only At $6,495

COMPARE OUR PRICES ON WOODS MOWERS

B. EQUIP. INC.
DEUTZ ALLIS
8422 Wayne Highway
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WOODS
Division of Hesston Corporation

YEAR-END CLEARANCE on WOODS MODEL 315 BATWING ROTARY CUTTER

Use To Shred Beans Or Corn Stalks

15 Ft. Cut, Slip Clutch, Folding Hyd. Wings, 4 Transport Wheels & Tires, Front Chain Shielding, Rear Chain Shielding, Parking Jack.

List $8,072

YEAR-END CLEARANCE SPECIAL PRICE..... $6,495

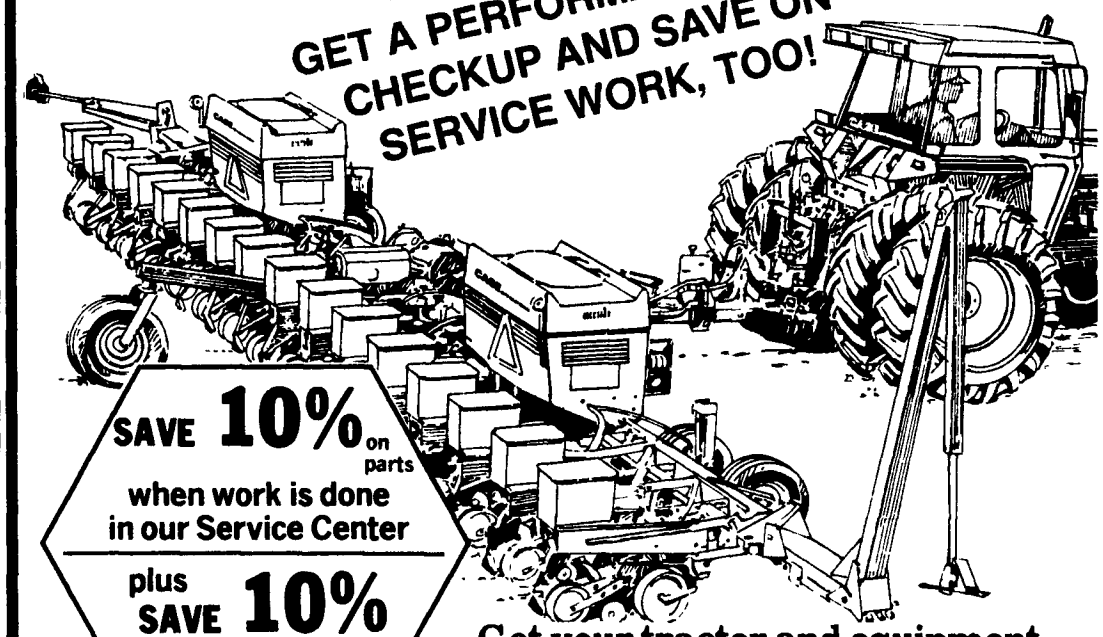
MESSICK FARM EQUIPMENT, INC.
Farm Equipment Is Our Business
RHEEMS EXIT, RT. 283, ELIZABETHTOWN, PA
Phone: (717) 367-1319, 653-8867 or CALL TOLL FREE 1-800-222-3373
We Ship UPS

PARTS VALUE OF THE MONTH

Pre-Season Service Savings

BE READY FOR SPRING

GET A PERFORMANCE PLUS CHECKUP AND SAVE ON SERVICE WORK, TOO!



SAVE 10% on parts when work is done in our Service Center

plus SAVE 10% on labor

Get your tractor and equipment in top shape for the busy season and save at off-season prices.

Don't wait until the busy season hits. Get your tractor ready to roll now at special Pre-Season Service Savings.

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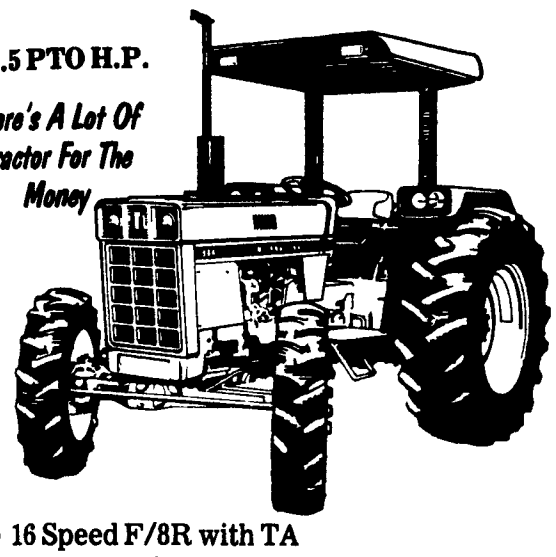
CASE IH 684D 4 WHEEL DRIVE TRACTOR

62.5 PTO H.P.

Here's A Lot Of Tractor For The Money



- 16 Speed F/8R with TA
- Roll Bar w/Canopy
- Hydraulic Disc Brakes, Independent 540 PTO, Differential Lock, Power Steering, 3-Point Draft Sensing Hitch

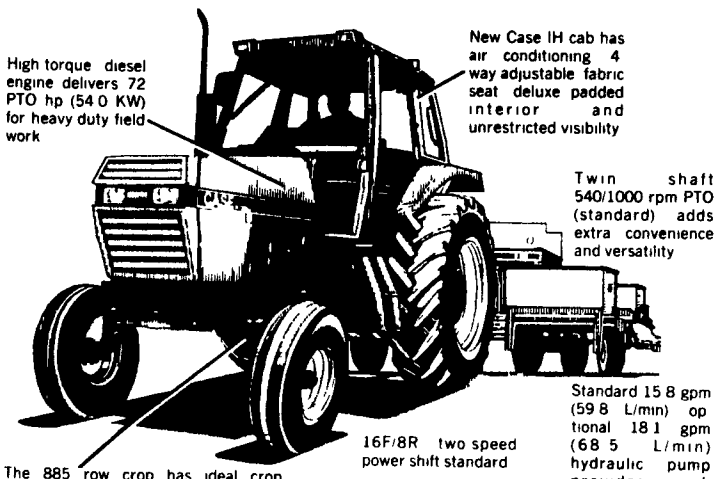
NEW CASE 1845C UNI-LOADER 51 H.P.

Water-Cooled Diesel Engine w/Bucket & Big Tires

In Stock:

CALL FOR SPECIAL PRICES

The New Case IH 885 Row Crop Anyway You Look At It... You See More Tractor


High torque diesel engine delivers 72 PTO hp (54 0 KW) for heavy duty field work
New Case IH cab has air conditioning 4 way adjustable fabric seat deluxe padded interior and unrestricted visibility
Twin shaft 540/1000 rpm PTO (standard) adds extra convenience and versatility
The 885 row crop has ideal crop clearance and axle adjustability for planting cultivating all row crop work And it s available with Mechanical Front Drive (MFD)
16F/8R two speed power shift standard
Standard 15 8 gpm (59 8 L/min) op tional 18 1 gpm (68 5 L/min) hydraulic pump provides quick response to power steering hitch and remote cylinders Up to 3 valves

IN STOCK

Ask Us For A Demonstration

GOOD CLEAN USED EQUIPMENT

HAY & FORAGE

- IH 555 Forage Harvester w/Cornhead & Pickup
- NH 770 Harvester w/2 Row Cornhead & Pickup Attachment
- IH 56 Blower
- NH 320 Baler w/70 Thrower
- NH 258 Rake w/Dolly Wheels, Used 1 Season
- NH 880 w/Pickup Attachment
- IH #40 Shredder, 4 Row
- NH 2 Row Snapper 30" Rows
- IH 37 Baler
- NH 269 Baler w/Thrower
- Grimm 7 Ft Hay Tedder
- New Idea Wheel Rake
- Magee Grinder Blower For High Moisture Corn
- NH 442 Disc Mower
- NH Model 1890 Self-Propelled Forage Harvester, CAT Engine, 3 Row Cornhead & Pickup Attachment, Good Condition
- Gehl 99 Twin Blower, Excellent Condition
- NH 489 Haybine
- Woods Model 208 Rotary Cutter
- NH 67 Baler w/Chute, Nice
- MF Model 1560 Round Baler
- NH 24' Elevator
- Little Giant Elevator, Like New
- NH 36' Elevator w/Motor, Good Cond
- Used JD 336 Baler w/Thrower, Ex Cond

TILLAGE

- 9 Tooth Glencoe Soil Saver
- JD KBA 10 Ft Transport Disk Harrow
- IH 370 Disk, 12 Ft
- MF Hyd Wing Fold Disc Harrow, 19 Ft , Ex Condition
- IH 700 Plow, 4 Bottom, 16" Semi-Mt
- Case 8 Ft Disc Harrow
- IH 710 5 Bottom Auto Reset Plow
- Int 55 9 Shank Chisel Plow w/gauge wheels $1250

SKID LOADERS

- NH L775 Skid Loader w/66" Bucket & Backhoe

PLANTING & SEEDING

- IH 400 Planter, 6 Row, w/Dry Fert
- AC Grain Drill
- Ontario Drill

SPREADERS & GRINDER MIXERS

- NH 791 Hydraulic Headgate
- NH 362 Tank Spreader, Excellent
- Tandem Axle Starline Tank Spreader, Excellent

NEW CASE IH TRACTORS AND EQUIPMENT

8.8% Interest
Or Waiver Till Nov. 1, 1987

USED TRACTORS
8.8% Interest
Or Waiver Till June 1, 1987

TRACTORS

- IH 966 w/Cab, Ex. Condition
- Cockshutt Tractor, Model 30, Nice
- IH 966 3 Pt. w/20.8x38 Rear Tires, Ex. Cond.
- IH 454
- IH 184 Cub Lo-Boy w/Mower
- Farmall H w/Loader
- IH 350 Fast Hitch
- Farmall 300

FREE FINANCING TILL APR. 1, 1987

- USED YEAR ROUND CAB To Fit 56 Series Tractors **$995**
- USED NH 791 SPREADER w/Hyd. Endgate, Splash Guard, Excellent Condition

ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going, Call Jay Gainer, Our Parts Mgr. At Home 653-2238.

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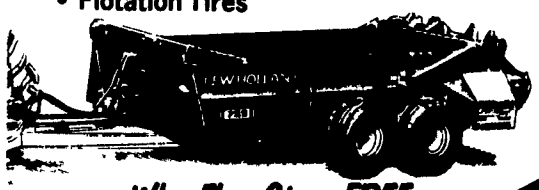
0% FINANCING FOR 30 MONTHS

On All New Holland Hay & Forage Equipment

N.H. 795 BOX SPREADERS

- 410 Bushel
- Heavy Duty Hauling
- Flotation Tires



2 Year Warranty

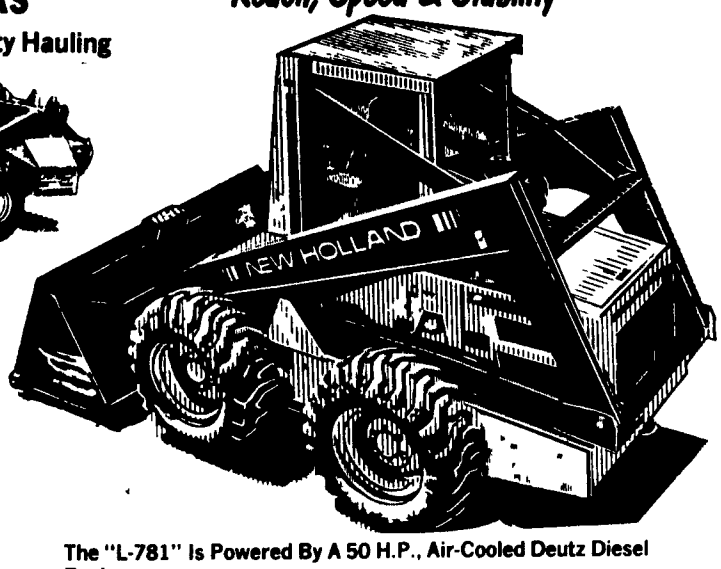
Who Else Gives FREE SIDES To The Third Owner?

N.H. MODEL 680 BOX SPREADER

Bonded Protection Guarantees The Spreader Sides For The Life Of The Spreader

N.H. MODEL L-781 SKID STEER LOADER

Reach, Speed & Stability



The "L-781" Is Powered By A 50 H.P., Air-Cooled Deutz Diesel Engine.

- Greater forward boom reach—loads center of large spreaders or trucks
- Faster boom cycle speeds—Speeds up loading/unloading
- Longer wheelbase—Low center of gravity for more stability

Put Super Boom productivity to work for you! Stop in and run one today.

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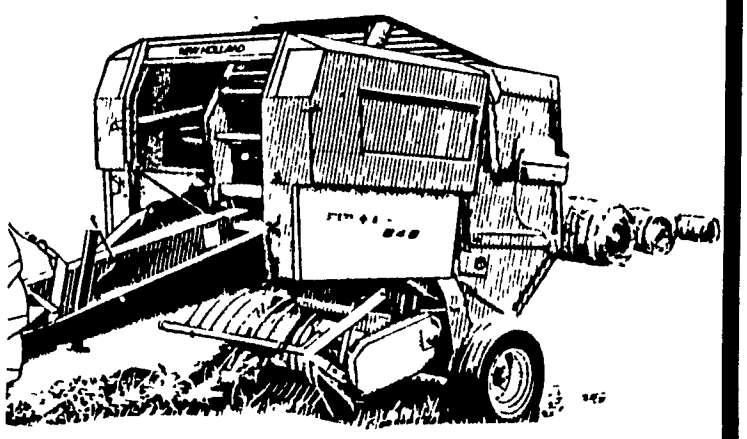
A NEW HOLLAND FIRST: MODEL 855 FEATURES EXCLUSIVE COMMAND-WRAP®

ALSO IN STOCK: N.H. Model 853 Round Balers Featuring Exclusive Memory-Wrap ™



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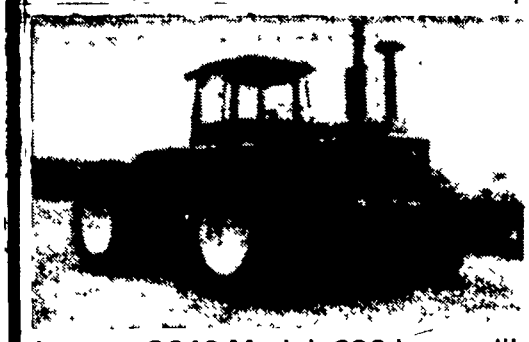

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$44,000.00

8640 Model, 600 hours, like new with all factory updates

Above equipment in like new condition
Price negotiable as package deal

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FOR SALE

- Utility 1978 Refer Trailer for Storage Only
- Vertical Blender For Feed Mill System, 1 Ton
- 18 Ft. Morgan Van Box
- Air Compressor, 3 Phase, 3 HP, 80 Gal. Tank
- 1978 Plymouth Voyager, PB, PS, Air, Cruise Control, Tinted Glass $3,800 or Best Offer

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Salvage Tractor Parts For Sale

Oliver 1650; AC D19; MM Jetstar 3; and Ford 6000; JD 520; MF 1080; MM 670.

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Clip and Save

New Ford 4610

USED TRACTORS

New IH 274 w/cultivator

New JD 2150
JD 4630 w/4 post roll guard
JD 4440, cab & air
JD 4430, cab, air, quad range
JD 2510
JD 4320, cab & air
JD 4030, 4 post, roll guard
JD 2940 w/front wheel assist
JD 2940 w/cab
JD 2940 w/loader
JD 2840
JD 2640 w/146 loader, (sharp)
JD 2510 Gas
JD 4240, power shift
JD 4240 w/cab & air
JD 3020 gas
JD 4000
JD 4020, new tires
JD 400 diesel backhoe loader
IH 3500 backhoe loader
IH 1066
IH 766 w/cab
IH 806 diesel, excellent

Ford 7000
Ford 6600, like new
Ford 5000 Gas
Ford 3600
Ford 3400 w/Loader
Ford 2610, new
Ford 2000
Ford 555 w/loader & cab
Ford 335 w/loader
AC 210 diesel
AC 185, sharp
AC 200, like new
MF 265
MF 205, 4WD
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MF 135 gas
MF 135 diesel
MF 20 w/loader
David Brown 1200
Kubota 4000 w/loader
3 pt. hitch backhoe, like new
Int. 7000 Forklift 28' Lift

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Int. 5 btm. 16" spring reset plow
White 6 btm. 16" plow
Large selection of 3 to 7 btm. plows
Int. 3 btm. rollover plow

GRINDERS & MIXERS

Gehl 65

USED COMBINES

444 JD corn heads
443 & 643 corn heads
JD 1978 4400, diesel
MF 410
Large selection of JD 2, 3, 4 & 6 row corn heads

JD 6600 diesel, rotary screen
JD 6600 hydro, rotary screen
JD 4400 gas, rotary screen
JD 3300 diesel, sharp
JD 55, excellent
JD 435N corn head
JD 435W corn head

USED PLANTERS

JD 494A
JD 7000 4 row Dry fertilizer
JD 7000 6 row conservation, liquid

Used Moore no-till grain drill

USED HARVESTERS

Fox 2 row snapper head
Fox Custom 90
NH 718, sharp

NH 3 pt. hitch chopper w/1 row head
Field Queen 3 row wide corn head

Gehl flail head, excellent condition

HAY EQUIPMENT

NH 472 haybine
Gehl 1090 haybine
Gehl 1500 Round baler
NH 276 baler, excellent
NH 311 baler, like new
JD 346 baler, excellent
NH 315 wire baler, nice

NH 273 w/thrower
M-C 7' rotary sythe, used on 100 acres
Large selection of used rakes
NH 1010 Stacker Bale Wagon
NH 1032 Stacker Bale Wagon

MISCELLANEOUS

1974 Chevy truck w/16' grain body & hoist
JD 58 loader
Int. 510 grain drill
Large selection of smaller discs
NI 2 row narrow, 12 roll bed
NI 323 1 row picker
NI 2 row wide, 12 roll, $3,000.

Kewanee hydraulic fold 18' disc
Kewanee hydraulic fold 18' roller harrow
Big V snow plow 12' wide
1979 Int. S-1954 w/DT 466 diesel engine, cab & chassis.

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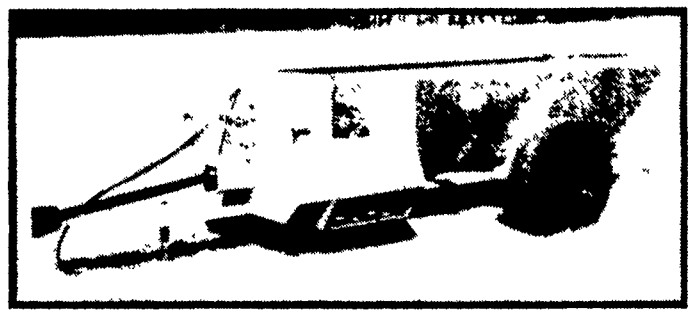
Last One In Stock At A Discount Price!

"SLINGER" MANURE SPREADER

MODEL 912
900 Gal.
190 Bu.



★Spread faster and more efficiently with a beautiful spread pattern, instead of lumpy or clumpy.

★Handle sloppy, semi-fluid, gutter manure, frozen chunks, dry litter, wet litter, most pen packed, even lime sludge.

★No apron chains, no flail chains, excellent cleanout, narrow hammers pulverize manure better than wide paddles, the drive line is massive and extremely simple to maintain.

★Look over a Slinger at your local Knight dealer and try one in your operation.

★Spread all your manure with a Slinger Spreader from Knight.

You can depend on a Knight
Since 1945

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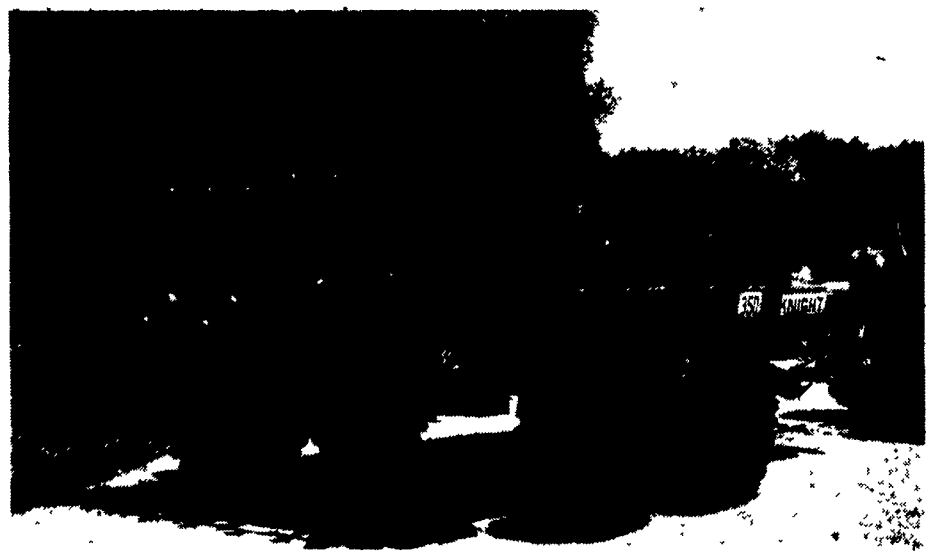
DISCOUNT SALE PRICE ONLY **$4,995**

Get High Quality...Only Two Left At Discount Price!

"350" MANURE SPREADER



The model #350 is the spreader that has proven so popular with large operations across the country. Capable of hauling 10 tons, the model 350 is a real money saver when "time is money." 10 ga. bottom and 11 ga. sides of copper bearing steel welded into one unit - ward off rust and corrosion from weather and manure acids. The heavy auger style beater with alloy steel "ripper" teeth makes easy work of spreading frozen and solid pen manure. The oscillating tandem axle assures a smooth ride over the roughest terrain and high flotation in soft ground conditions. A heavy 10 bolt single axle is also available. Addition of the hydro-fluid endgate provides a positive seal for sloppy manure. 4"x4" hardwood rails are standard on the #350. The auger top beater (optional) levels and helps to evenly spread that extra high load.

- One In Stock w/Top Beater, Hyd. Endgate, Used Tires, Less Lower Spinner Beater
  DISCOUNT SALE PRICE... $5,750
- One In Stock w/Top Beater, Hyd. Endgate, Lower Spinner Beater & New Re-cap 10.00x20 Tires
  DISCOUNT SALE PRICE... $6,230

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Complete TA assemblies for 706-1586 are priced at $595 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 years against failure.** Sprag kits (includes sprag gear, Dana sprag, and piston carrier) and all items for rebuilding your own TA are available to qualified persons Ramps and carriers for the older style TA's (as in SMTA, 340, 560) are priced at $150 each and carry a 90 day guarantee We have all the parts needed to rebuild your TA in stock at prices that will save you money We also have a shop available for complete TA installation Or, you may split your own tractor and bring the center housing to us, which we can rebuild while you wait (approx 4-6 hrs). We also stock New and Rebuilt Water Pumps, Dynlife Clutches, Pressure Plates, and PTO Drive Gears, (Spline-fit into pressure plates) for most IH tractors and combines.

We are in need of TA & clutch cores for rebuilding purposes. If you have not returned your cores, please do so or call us for pickup.
Dealers: We are paying cash for cores. If you have quantity, we will pick up.

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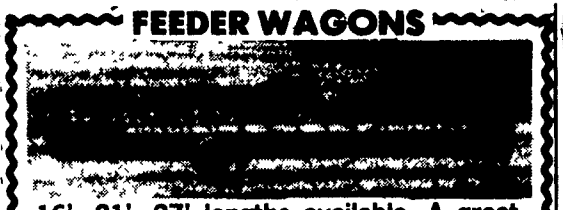
FEEDER WAGONS



16', 21', 27' lengths available. A great feature for feeding cattle in meadows or in feed lots. Can be used for feeding round bales.
If old gas tanks are used for feeder wagon bottoms, they should be sand blasted. If not, the gas and rust may result in sick cattle or even death. Be safe and buy from us as ours are sand blasted before being painted.

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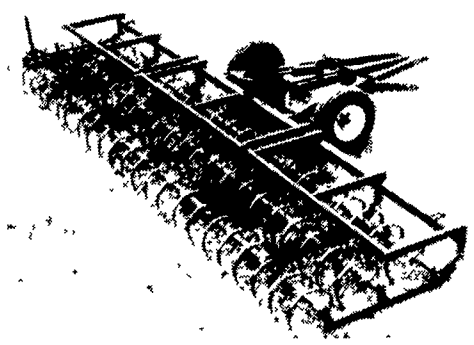
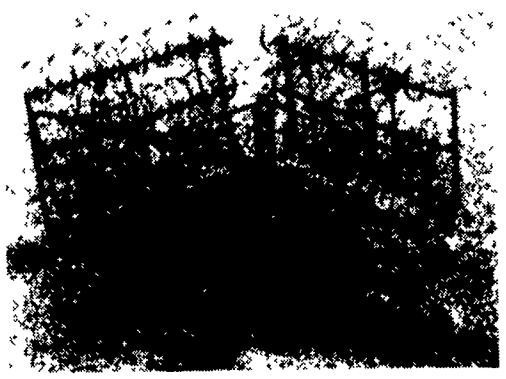
FIELD STAR

Spring Tooth Harrow w/Hyd. Cart

Features:
- Compact but strong frame made of heavy wall structural tubing.
- Hydraulic lift linkage is also strong, but compact.
- Hitch pole is extra strong 4" square heavy wall tube. Standard length is 9'5". Extra long, 11'5" pole is available for more turning clearance when used with dual wheel tractors.
- Wings are pulled with flexible, high strength aircraft cable for easier folding of wings.
- Sections have 2" square tooth bars, wide, heavy tooth clamp, ½" Grade 5 bolts to secure teeth, and have replacable high carbon skid shoes.





Specifications:
- 15"x6 bolt wheels are standard.
- 11Lx15 tires are recommended, but not included. Optional tire package is available. See below.
- Hydraulic cylinder not included. 3½"x8" is required.
- Maximum transport width is 13'6".
- Parking jack is standard equipment for easier hookups.
- Hinge pins are 1" Grade 5 bolts.
- 23" tooth bar spacing.

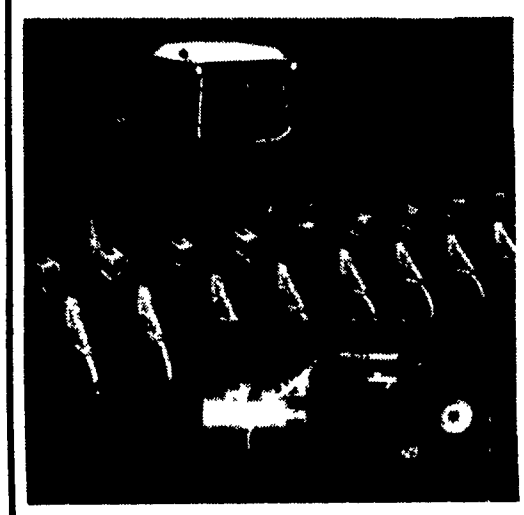
McFarlane Model	Working Width	No. Teeth	Approx. Weight
HDD-16	16'	48	2250#

List Price Over $3,000

DISCOUNT SALE PRICE $2,250

If You Don't Recognize This Tool, Stop In And See The Possibilities This Machine Offers!

GLENCOE® MODEL HT
High Trash Row Crop Cultivator
For conservation tillage practices



New High Trash, No Till Ridge Cultivator

MODEL HTS 430
4-30" Rows

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One Only

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- **Stubble Drill™**
- **Pasture Pleaser®**
- **No Till & Drill**

Stubble Drill

- Spring Swivel Coulters with specially designed tapered roller bearing hubs
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- A wide choice of optional Press/Depth Control Wheels
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HEAVY DUTY PULL-TYPE DRILL w/13'4" WORKING WIDTH
New Demonstrator - One Only
TYE MODEL 1044524

No Till Drill
w/8" Spacing,
Grass Seed Hopper,
Standard Soybean Hopper,
2" Width x 13" Dia. Press Wheels.

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BUY NOW FOR ONLY $6,900

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40 CULTIPACKER

- (2) New Dunham 12 Ft. Cultipackers w/34-17" Rollers, Approx. Wt. 1470 Lbs. (Transport Kit & Scrapers Not Included In Price) **DISCOUNT SET-UP PRICE...$1,475**
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Approx. 62 HP
16.9x24 Rear Tires & Underslung Exhaust
PAY ONLY $12,800 AND GET $2,000 CHECK BACK From J.I. Case Co.
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- Case 1030
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- Case 1490
- White 2-105 Tractor
- David Brown 990 w/Loader
- David Brown 1200
- Ford Jubilee
- Farmall H w/Loader

LOADERS
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- Case 450 Crawler Dozer
- Case 1737 Uniloader
- NH L425 Skid Loader
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- IH 370 Disc, 10 Ft.
- Int. 2-Bot. Trailer Plow
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- Oliver 22' Disk
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- Hesston Harvester Head-3 Row Wide
- Hesston Harvester Head-3 Row Narrow
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- NI 709 Uni-System
- NI 315 Sheller
- NI 717 Combine
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- NH 717 Harvester
- Gehl 800 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead

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- NH 469 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1010 Windrower
- 2 Bale Thrower Wagons
- Case Hay Rake
- NI 456 Round Baler
- NI 484 Round Baler

MISCELLANEOUS
- JD 38 Ft. Elevator
- Zimmerman Elevator
- King Wise 32' Elevator
- IH 56 Blower
- Int. 56 4-Row Planter
- IH No. 10 13-Disc Drill
- 4-Row Cole Corn Planter
- 6 Used Spreaders
- Scavenger 1263 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 218 Spreader
- NI 224 Spreader
- NI 245 Spreader
- Weaverline Cart, 24 Bushel
- Weaverline Cart, 30 Bushel
- (1) Gravity Bin Wagon

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Heavy Duty Tubular MARTIN'S GATES **20% OFF**

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NEW IDEA 404 WHEEL RAKE
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JD 7720, 1400 hrs.
JD 15' Rigid Platform
JD 643 CH 6 R Narrow Old Style
JD 216 Flex Head

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JD 4020 Dsl., WF
IH Farmall H w/Loader
Deutz DX110, Cab, Air, Sharp, 1980
Ford 8N

TILLAGE
IH 18½' Field Cultivator

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AC 330 4 R Planter
JD 1240 4 R Plate Planter
JD 1240 4 R Plateless w/Fert Planter
JD 1440 4 R No-Till Planter
JD 7000, 4R
JD 7000, 8RN No-Till Liq. Fert.

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Lilliston 7'6" Mower
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JD 575 Diesel Skid Steer Loader (SAVE! This Unit Must Go)
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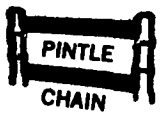
W15"x8" Rims, 5' Tongue
5"-7" Adj. Tongue Add $30



Forage Box Conv. Chain

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#8	$242.00
Gehl 960	$232.00

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T-67	$.58
T-67 Att	$1.15

Steel Detachable Conveyor Chain

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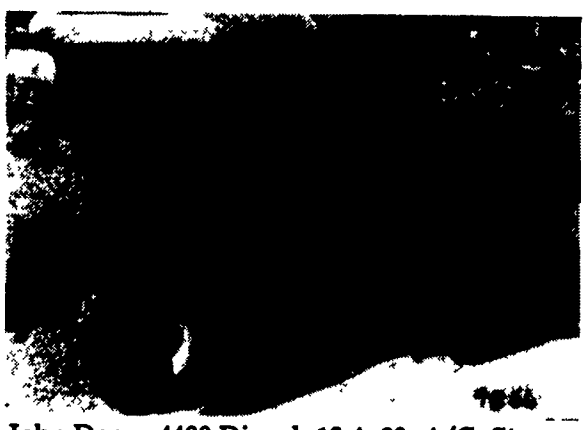
New Idea 717 Uni-System Combine w/738 Corn Head (U1779)



John Deere 4400 Diesel, 18.4x26, A/C, Straw Chopper (U9806)

Only One Left...

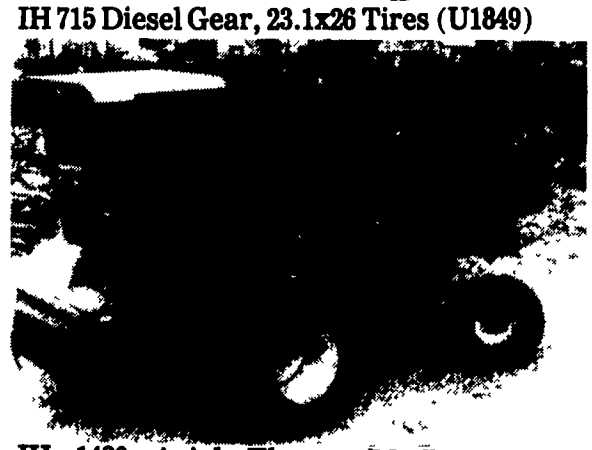
JOHN DEERE 6620

Side Hill w/6 Row Cornhead And 215 Flex Head

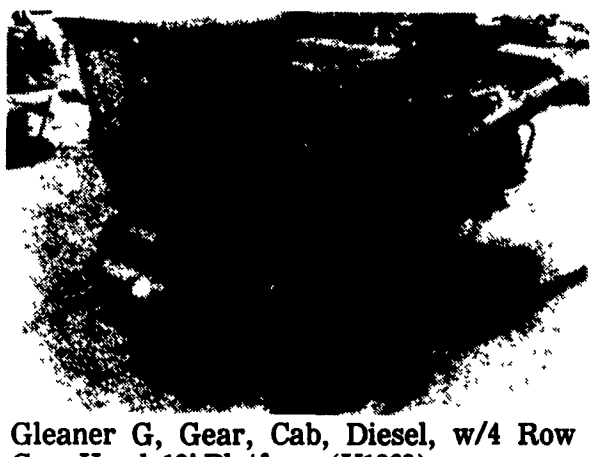
IH 715 Diesel Gear, 23.1x26 Tires (U1849)

IH 715D Hydro, 18.4x26, Monitor (U7818)

We Don't Import Combines To Resell. All Our Used Inventory Was Traded In By Our Customers.

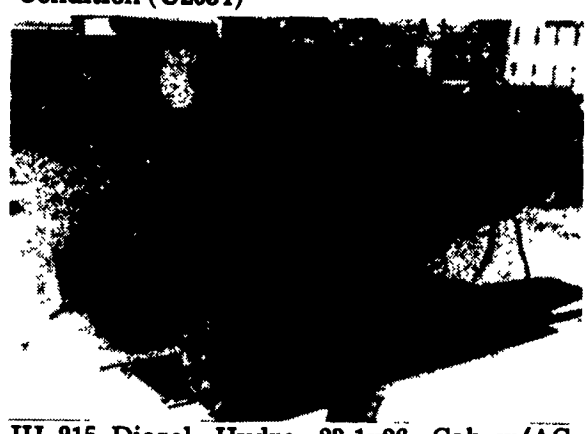


IH 1480 Axial Flow w/Mudhog AWD, 14.9x24, 67.00x34.00 - 30 Tires, A/C, Monitor, Electro-Hydraulic Controls, Excellent Condition (U2034)



Gleaner G, Gear, Cab, Diesel, w/4 Row Corn Head, 13' Platform (U1369)

New Idea 319 Corn Picker, 2 Row Mounted (U1832)



IH 815 Diesel, Hydro, 23.1x26, Cab w/AC (U1362)

USED TRACTORS

IH F706 w/Fast Hitch, Gear, TA, 540-1000 PTO, 16.9x38 Tires (W1736)
Versatile 160 4WD w/ Loader, Diesel, Hydro, AC, 540 PTO (W1364)
IH 966 Diesel, Gear, TA 18.4x38 Tires, 1000 & 540 PTO (W1439)
IH 4140 Gas Skid Loader w/60" Bucket (W1562)
IH F460 Diesel Gear, 2 Point Hitch, 15.5x38 Tires, 540 RPM PTO (W1446)
IH F1466D, Gear, 20.8x38 Tires, Dual PTO, Excellent Tractor (W9236)
New Holland L778 Skid Loader, Hydrostatic, Gas (W9768)
Case 1537 Uniloader
IH 1206 Diesel, Hydro, Cab w/AC, 540-1000 PTO, 28.1x34 Tires (W1670)
IH F1066D Hydro, 20.8x38 8 Ply Tires, Dual PTO (W1045)
IH Farmall A w/Cultivators, Rear Wheel Weights, 9x24 Tires (W1143)
IH F1066D, 18.4x38 8P, Dual PTO, Gear (W1316)
IH F1066, Diesel, Gear, 540 & 1000 PTO, 20.8x38 Tires (W1715)
IH 6388 2+2, 4WD, Diesel, Gear, AC, 540 & 1000 PTO, 4 Hyd. Outlets, 18.4x38 Duals (W1681)
Steiger Turbo Tiger Gear, AC, 3 pt. Quick 30.5Lx32 Tires (W1372)
Steiger Cougar II Gear, 3 Pt. Quick, AC, 30.5Lx32 Tires (W1273)
NH 775 Skid Loader
IH 460 Gas, TA, 540 PTO (W1892)
Case 1845 Uniloader, 72" Mat. Bucket & Fork (W2153)

USED TILLAGE

Krause 3124 Landsman
White 252 10' Disc
Bush Hog 12' Disc, 9" Spacing
Deere 110 Disc, 10'9" Spacing (T8034)
Athens 131 Flex-Frame Disc, 14', 9½" Spacing (T1556)
IH 470 18' Disc, Rear Mulchers, Tandem, Spacing 9" Frt. 7½" Rr., Size 16½" Frt. 17½ Rr., Cyl. & Hoses (T1699)
JD 111 Disc, 10', 9" Spacing (T1602)
Athens 83 10' Disc, Size 19" Frt. 21" Rr., Cyl. & Hoses (T1604)
Rhino FB90 Disc 24', Size 20" Frt. 21" Rr., 9" Spacing (T1714)
IH 501 14' Disc, Tandem, 10½" Spacing, Front 19", REar 22" (T1824)
IH 14 Subsoiler, Auto. Reset, Coulters, Gauge Wheels, Like New (T1514)
Colby 12' Disc, Front Notched Blades (T1769)
JD 330 Disk, 20' Flex Wing, Tandem, Spacing 11" Front & Rear (T1950)
Landoll Soil Saver, 15 Shank (T1960)
JD E1700 Tiller Chisel, 9 Shank, 22" Blades, Spike Drag (T2091)

HANDYMAN'S SPECIAL
IH 544D Hydro w/2000 Loader - *Cheap*

USED COMBINES

IH 205, Gas, Cab, 12" Header, 227 Cornhead (U1132)
IH 815 Diesel, Hydro, Cab, 23.1x26 Tires (U1362)
IH 715 Diesel, Gear, Cab, 23.1x26 Tires (U1849)
Deere 4400 w/Straw Chopper, Hydro, AC, Diesel, 18.4x26 Tires (U9806)
Gleaner "G", Diesel, Cab, Gear (U1369)
IH 815D Hydro, A.C., 23.1x26 Tires (U1844)
JD 7700 w/Straw Chopper, 24.5x32 Tires, Gear w/Variable Speed (U1361)
MF 510 AC, Grain Saver, 18.4x26 Tires (U1995)
MF 510, AC, 18.4x36 Tires (U1992)
IH 715 w/Straw Chopper, Diesel, Hydro, AC, 23.1x26 Tires, 1100 Hrs. (U1961)
IH 1460 Hydro, AC, 28x26 Tires (U2060)
IH 1480 4 WD, Hydro, AC, 34x30 Tires (U2034)
JD 6620 Side Hill w/DJ Monitor, Hydro, AC, 28Lx26 Tires, 1228 Hrs. (U2121)

USED GRAIN DRILLS

Great Plains 12' Drill w/Pull Hitch (V1570)
IH 620 Grain Press Drill, 21 Openers, 7" Spacing, (Ideal for Soybeans & Alfalfa) (V9302)
Haybuster 1206 No-Til, 12', 6" Spacing, Fertilizer (V1462)
Deere 8300 Grain Drill, 16 Double-Disc Openers, 10" Spacing, Press Wheels (U9922)

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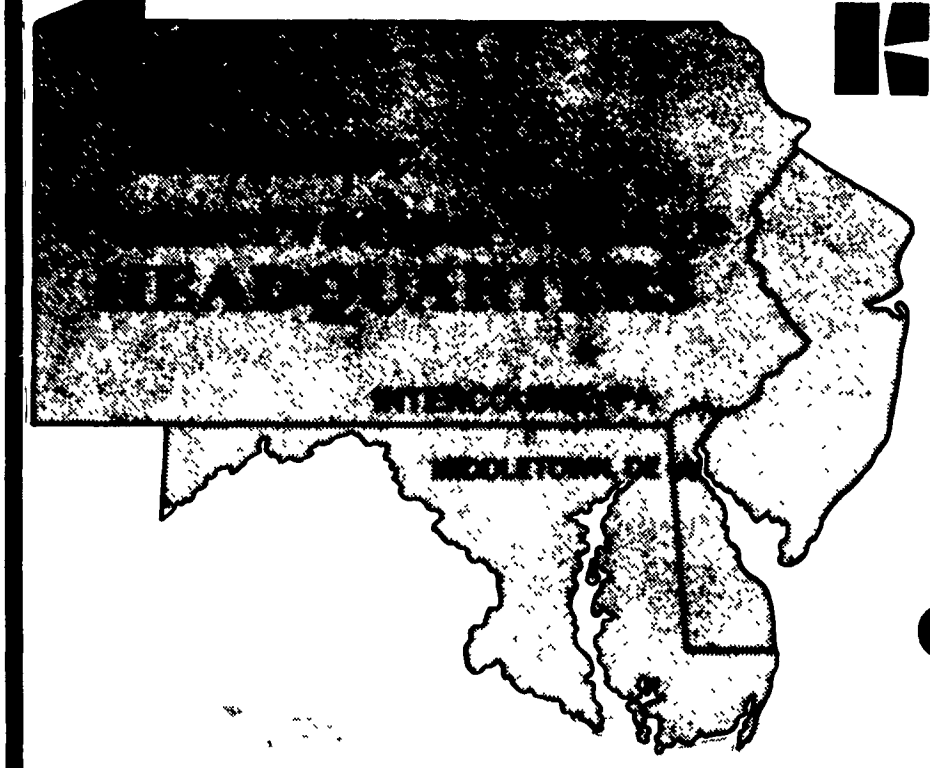

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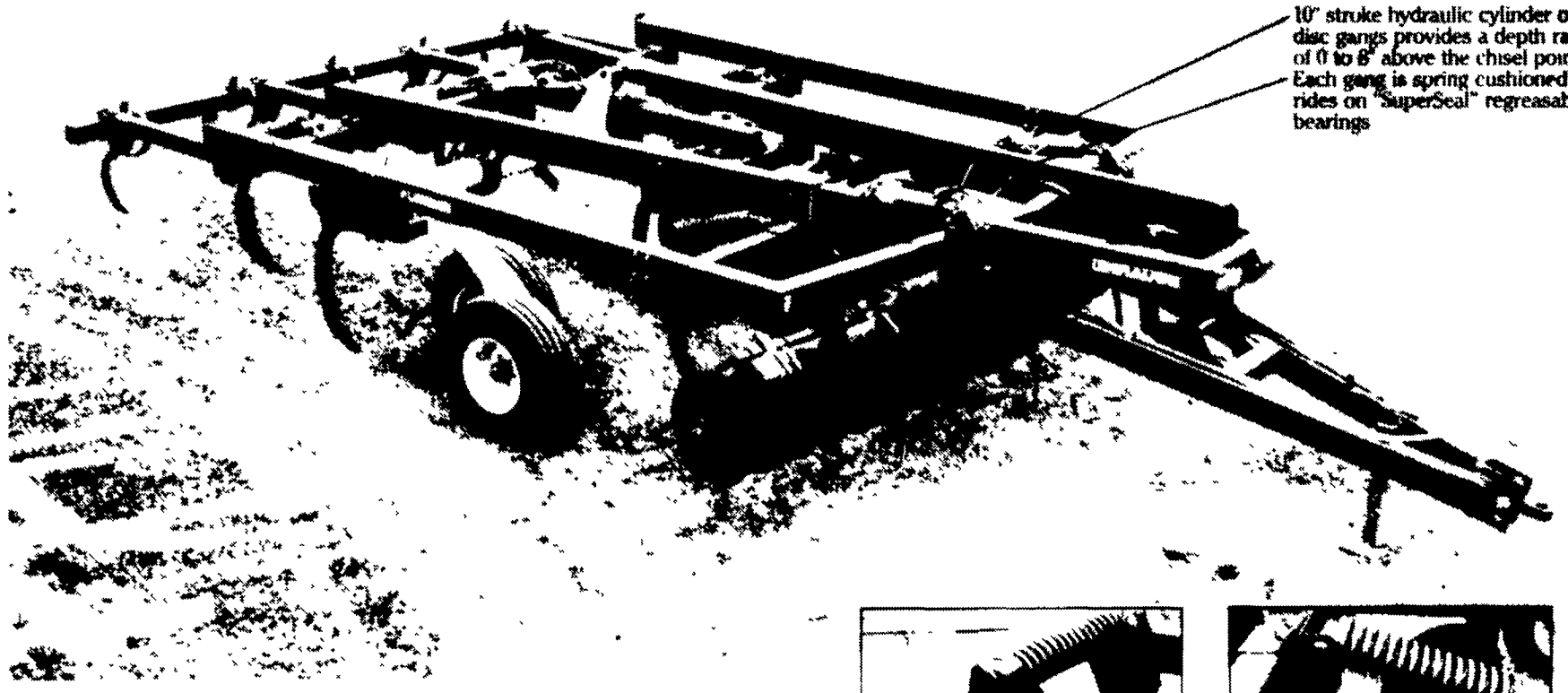

10" stroke hydraulic cylinder on disc gangs provides a depth range of 0 to 8" above the chisel points. Each gang is spring cushioned and rides on "SuperSeal" regreasable bearings

Heavy-Duty For Once Over Tillage To:

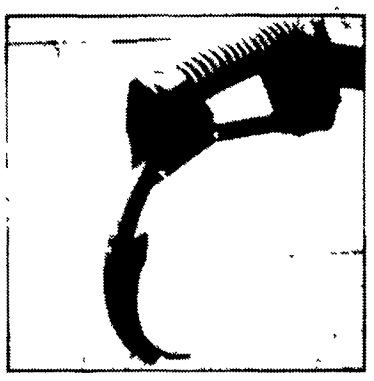
.... Disc Standing Stubble

.... Subsoil Compacted Ground

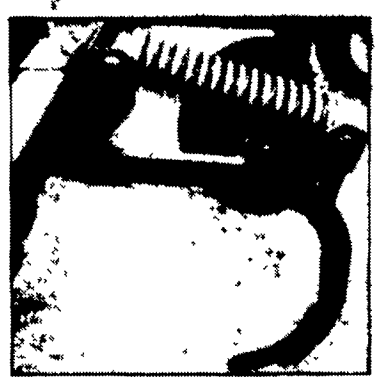
.... Chisel And Incorporate Residue

.... And Leave The Fields Level

K-Tine Levelers And Harrows



Spring Reset Chisel Shanks Are 2"x1½"x32". 14" Trip Height, A 1250 Lb. Point Load And 10" Max. Working Depth.



Spring Reset Subsoiler Shanks Are 3"x1½"x36". 20" Trip Height, A 1500 Lb. Point Load And 16" Max. Working Depth.

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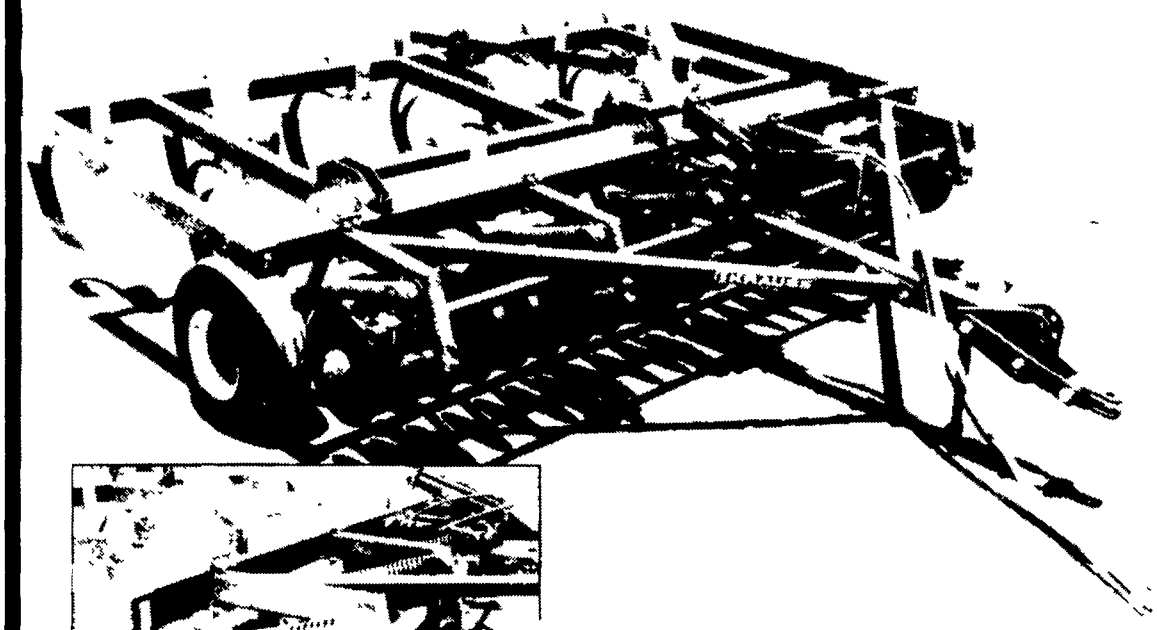
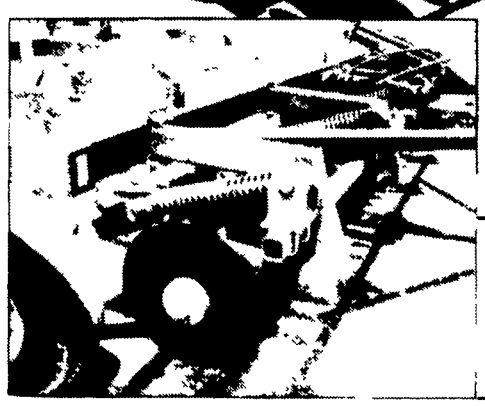
KRAUSE DOES IT AGAIN

By Equipping The 2880 LANDSAVER™ COULTER-CHISEL With A Combination Of SPRING RESET SUB-SOIL SHANKS And CHISEL SHANKS





Hydraulic coulter assembly features spring-mounted bearing arms to flex over buried rocks.

All the Soil Conservation people are talking about combining subsoiling while you chisel plow. Krause has done just that.

Increase water retention and decrease run-off at the same time.

Crop production increases as well.

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4, 36" SPRING RESET SUBSOILER SHANKS
AND
3, 32" SPRING RESET CHISEL SHANKS

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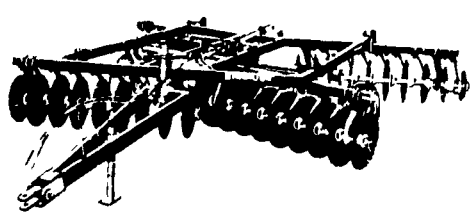
MODEL 2242 A



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- 22" 6 Gauge Blades
- 110 Lbs. Per Blade

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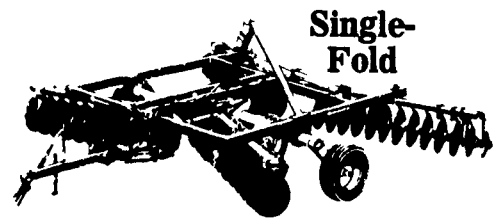
MODEL 1577 Single-Fold



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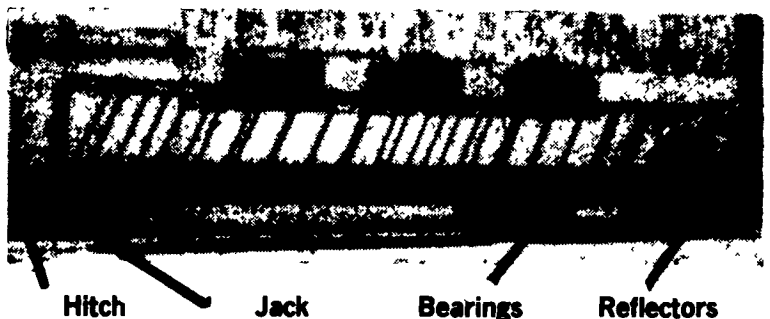

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IH BN
IH H
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JD 4620
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IH 56
Dion #14
Dion 60
NH 30
Fox Table, PTO
Gehl 99
Badger 54
Badger 98

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NI 324, 2RW
NI 323, 1R
NI #10, 1R
NI 300, 2R
NI 314, Sheller Attachment

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NH 357

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IH 1460
IH 1440
IH 863, 6RN
IH 844, 4RW
IH 810-13
IH 820-16
IH 82 Pull
IH 303
IH 203
Case 600
IH 1460
IH 963, 6RN
IH 227, 2RN C.H.
IH 715
MF 82, very nice
MF 4RN & 4RW Corn Heads
JD 55 w/Cab, Sq. Back
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HARROWS
IH 475, 12'
IH 401, 12'
IH 370 12' Disk
BH 10'
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IH 37, 8'
IH 47, 13'
JD KBA 8'
IH 9A 9'
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IH #8
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Brady.121
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IH 100
NH 450
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IH 2050A
KW for IH 284

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IH 555
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Gehl 300 w/2RN
Papec 180
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Fox 2000
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JD 3800 Fg. w/2R C.H.
Fox 3000
Fox 546
Fox FA
2RW Corn Head
2RN Corn Head
Cutter Bar

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IH 311 3x14
IH 55 Chisel Plow
JD 345, 4x16
IH 550, 5x16
Ford 4x16
MF 3 pt. Chisel Plow
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White 508 Plow, 4x16
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BH 3 pt. 52" Tiller
IH 710, 3x16
AC 4x16

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Case 1830, very nice
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NI 213
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NI 218
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Clay 800 gal. Vacuum Tank
MF Manure Spreader
NH 676
NH 676 S
NH 790
Hawk Bilt 207
HB 257
HB 357

GRAIN DRILLS
IH 10, 16x7
IH 13x7, Steel Whls.
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717 Combine
710 Com.
844, 4RW
735, 3RN
702 D
729 A Shel
727 Husk.
NI 768, 3RW/N Corn Head
766 PU
720, 2RW
730, 4RW
725, 3RN

WINDROWERS
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IH 990
IH 225
NI 290
AC 904
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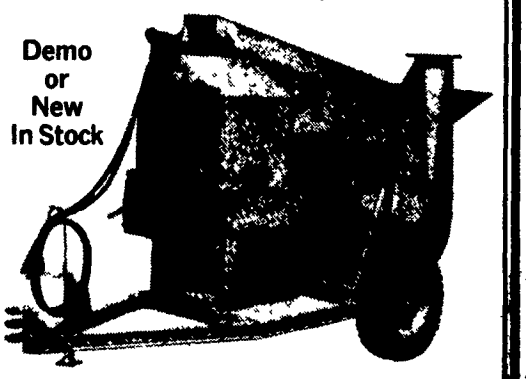

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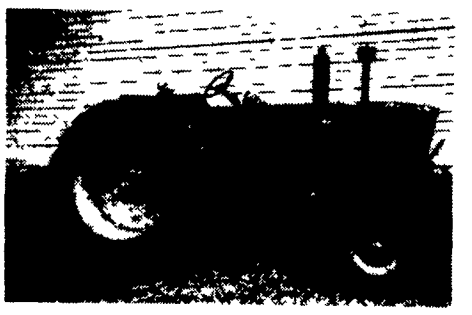

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WFE, Diff-Lock, Clean
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AC 160
Ford 4000 Gas, SOS
Ford 1100 2WD
Ford 1100-4WD w/mid mower
8 & 9 N's

EQUIPMENT

NH 489 Haybine
NH 78 Baler w/Thrower
JD 24T Baler w/Kicker
NH 717 Harvester
NH 782 Harvester repossessed
NH 717 Single Row Corn Head
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Lots of Lawn & Garden Tractors w/Mowers & Snow Blowers.
Artsway 325A Grinder Mixer w/Scales

CHARLES S. SNYDER INC.
RD3
Tamaqua, PA 18252
Phone: 717-386-5945

NEW IDEA — NEW HOLLAND

C.J. WONSIDLER BROS.

KHD — DEUTZ ALLIS

BRANCH
Rts 309 & 100
New Tripoli, PA
(215)767-7611
Mon Fri 7 30 A M -5 00 P M
Sat 7 30 A M -12 30 P M

★ 3 LOCATIONS ★
Trumbauersville to Finland Rd
Quakertown, PA
(215)536-1935 or 536-7523
Mon -Fri 7 30 A M -9 00 P M
Sat 7 30 A M -4 00 P M

BRANCH
Lobachsville, Oley, PA
(215)987-6221 or 987-6257
Mon -Fri 7 30 A M -5 00 P M
Sat 7 30 A M -12 30 P M

SPECIAL YEAR END SALE
UNTIL DECEMBER 31, 1986
TRACTORS, COMBINES, IMPLEMENTS

Many units cut below auction prices
"Don't stand out in the cold. Come into our warm shop and name your terms!"

TRACTORS

JD 4010 D w/WFE
JD 3010 D
JD 3010 repainted
JD 720
JD 60
Farmall 460 D
Farmall 400 G & D
Farmall C
Ferguson 50 w/loader
Oliver 1855 D, new rubber
Oliver 1550
Oliver 500 D
AC 7080 D w/cab, air/heat, excell!
AC 7060 D PS w/cab, air/heat, only 1400 hrs.!
AC 7050 D w/cab, air/heat
AC 7030 D w/cab, air/heat
AC 7000 D w/cab, air/heat
AC 6060 D
AC 6140 D w/front end loader
AC 190 D, excellent!
AC 185 D, excellent!
AC 180 D
(2) AC D19 D
AC D19
AC D17 D
AC WD w/loader
AC WC
AC CA

MANURE SPREADERS

NH 676 w/hyd. endgate, 320 BU.
NH 675 w/endgate, 300 BU
NH 518, 220 BU.
NI 214, Liq. pan, 210 BU. A-1!
NI 218, w/hyd. Endgate, Tandem, 300 bu.
(3) NI 213, 177 BU.
IH 550 w/endgate, 200 BU.

COMBINES

JD 3300 Cab w/Air & Heat, 10' Grain Head, 238 Corn Head, excellent
JD 45 w/both heads
AC Gleaner N5 D w/cab, 15' grain & 630 corn heads.
1978 AC Gleaner M2 D w/cab, air, 13' grain & 430 corn heads.
AC Gleaner M D w/hydro, 13' grain & 438 corn heads.
(1977) AC Gleaner F2 D w/13' grain & 438 corn heads.
AC Gleaner E w/cab, 10' grain & 238 corn heads.
AC Gleaner F w/cab & both heads.
AC Gleaner CII w/4-row corn head.
IH 315 w/cab, grain & corn heads.
MF 750 D w/cab, air/heat, & 630 corn head.
NH 975 Gas w/cab & both heads
NH 890 R2 Snapper corn head
NI Uni-System 701 w/710 power unit, 10' grain & 2-row wide corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 702 Power Unit w/727 Husking Bed & 724 3RW Corn Head, excellent
NI 323, 1R Picker, like new
NI 323, 1R Picker

TILLAGE

Oliver 6B Plow, semi-mount
Ford 3B Plow, 3 pt.
Brillion 961 8' Seeder, pull type
Kewanee 10' Cultimulcher
IH 11 Shank 3 pt. Field Cultivator
JD 16' Cultimulcher
Leinbach 6' Disc, 3 pt.
IH 9' Disc, pull type
JD 1000 12' Disc w/Trans. Harrow
JD 9' Transport Disc
JD 17 Disc Grain Drill

MISC.

Behlen Grain Dryer w/engine
MF 246 Loader w/80" Bucket
Uebler 810 Silage Cart, 35 BU., only 2 yrs.
Weaverline 224 Silage Cart, 30 BU., w/automatic charger, rebuilt!

CHOPPERS

NH 880 w/2-row corn & pick up heads
NH 770 w/2-row corn & pick up heads
(2) NH 717 w/2-row corn & pick up heads
AC 720 w/2-row corn & pick up heads
IH w/2-row corn & pick up heads
JD 35 w/2-row corn & pick up heads
NH 27 Blower
AC 63 Blower
Fox Brady 1440 Shredder

★★★"WE SERVICE WHAT WE SELL WITH QUALITY PARTS!"★★★

JOHN DEERE — bobcat

BACKHOE LOADERS

JD 310A, 1979, Tag 1936 ..... $19,000

CRAWLER DOZERS

JD 350B, Canopy, 6 Way Blade, New Undercarriage, Tag 5039 .. $15,500
JD 450, 6 Way Blade, No Rops, Tag 5108 ..... $15,000

SKID STEER LOADERS

Bobcat 610 60" Bucket, Floats, No Rops, Tag 5114 ..... $4,000
Bobcat 943 w/78" Bucket 219 Hrs., Tag 7179 ..... $27,500
Bobcat 975 w/84" Bucket 122 Hrs., Tag. 7256 ..... $33,000

WHEEL LOADERS

JD 544B, Ford A64... Call For Prices

Call JIM NIXON for Prices, Information

LCL Construction Equipment
2590 Unionville Pike
Hatfield, PA 19440
(215) 362-2510

Cowan Equipment
Martinsburg, PA
814-793-4293 Day or Evening

JD 2350, 4WD $14,500
JD 2940 ..... $11,500
JD 2840 ..... $8,500
JD 2640 w/145 Loader $10,500
JD 4430, power shift $8,750
JD 4430, cab, air $11,000
JD 4230, cab, air $11,000
JD 4030, cab, air $10,500
JD 4520, power shift $7,000
JD 4320 ..... $8,000
JD 4020, power shift, side console $8,500
JD 4020, power shift, 68 model. $5,250
JD 4020, 68 model $6,500
JD 3020, wide front $6,500
JD 3020, gas. $4,000
JD 3010 ..... $4,500
JD 2510, wide front $5,000
JD 2510, gas. $3,500
JD 450 Crawler Loader $10,500
JD 100 Stacker, Like New $3,500
White 2-150, cab & air $8,500

USED TRACTORS

JD 3020 Side Console
JD 4240 Quad, 4 post SOLD very nice
JD 4020 w/Hiniker 1300 Cab
Case 1394 w/14 Hrs.
Case 1210 Power Shift
Ford 5000, 1971 model
Ford 7700 w/cab & Air
Ford 3600 Dsl. w/P. Steering
Ford 3000 Gas, P. Steering, 1500 Hrs.
Ford 601, 5 spd., power steering
Ford TW10, 4 WD w/cab
Ford 7700 4WD w/Cab & Air
Ford 7700 4WD w/Cab & Air, w/Ford 777F Loader
AC WD45
Oliver 880, power steering

USED EQUIPMENT

Case Skid Steer Loader, Water Cooled Engine
NH 770 w/Both Heads
NH 707 3 pt. chopper
NH 890 w/2 row
NH 718 w/2 row
NH S717 w/1 row
Gehl CB600 w/2 row
NH 845 small round baler
NH 276 baler w/thrower
NI 325 Super Sheller
NI 325, 2 RN, 12 Roll Bed
NI 323 1 row picker
Oliver 4-16 ST plow
Oliver 4-16 AR plow
IH 71(SOLD AR Plow
White 5x18 AR Plow
Gehl 710 forage box
NI 213 Manure Spreader w/Endgate
NI 214 Flail Manure Spreader w/Endgate
NH 474 Haybine
NH 477, 7' Haybine
NH 256 Rake w/Dolly Wheel
NH 258 Rake
Papec 3 beater forage box
Gehl 910 forage box

Call Norm or Merk at

Norm Shores & Son Tractor
Towanda, PA
717-265-9014

HOURS:
MON-FRI 7:30 To 5:00
SAT 7:30 To NOON

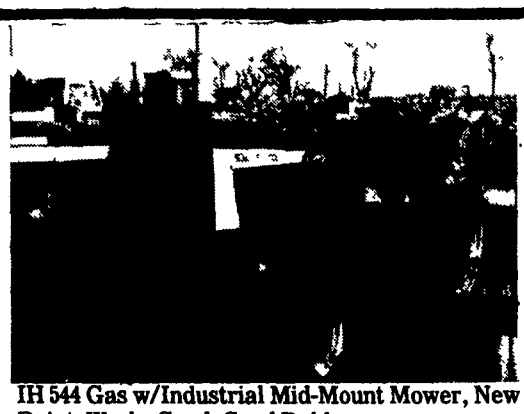
TELEX 316290

WENGERS INC.

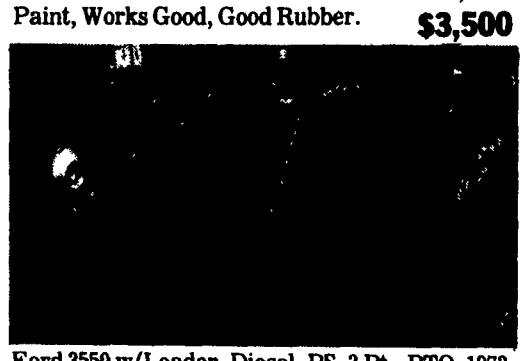
251 SOUTH RACE STREET, MYERSTOWN, PA 17067
PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

1 MILE FROM LEBANON VALLEY AIRPORT

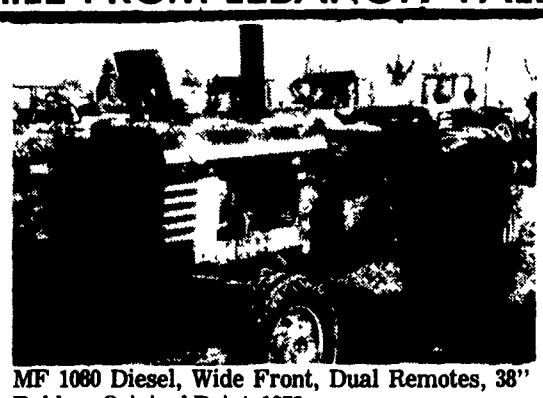


IH 544 Gas w/Industrial Mid-Mount Mower, New Paint, Works Good, Good Rubber. **$3,500**

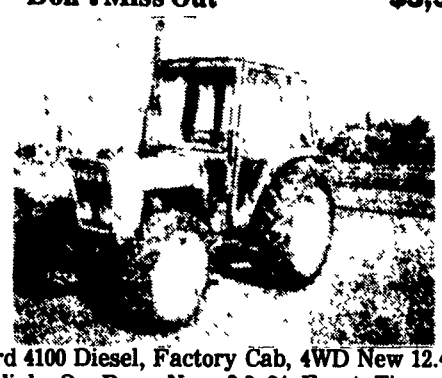


Ford 3550 w/Loader, Diesel, PS, 3 Pt., PTO, 1973, New Paint, Decent Operating Condition.
Special $7,500

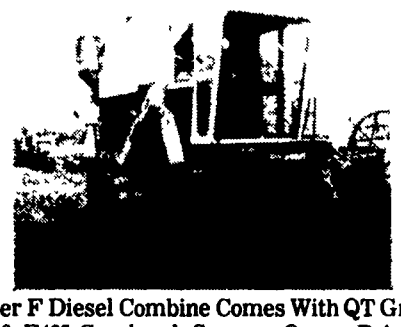
IH 574 Diesel, WF, 3 Pt., Cab, 2700 Hours, Original Paint, Operating Condition
Special Price $5,600



MF 1080 Diesel, Wide Front, Dual Remotes, 38" Rubber, Original Paint, 1972
Don't Miss Out **$3,300**



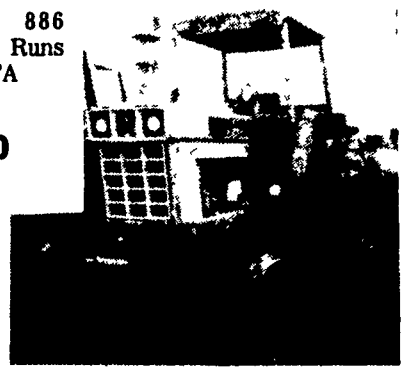
Ford 4100 Diesel, Factory Cab, 4WD New 12.4x36 Radials On Rear New 8.3x24 Front Tires 2235 Hours, Fair Condition. **$8,900**

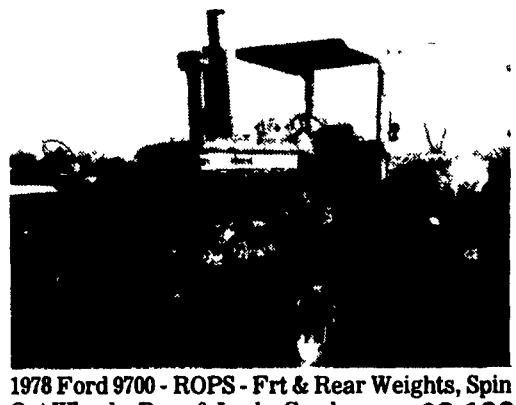


Gleaner F Diesel Combine Comes With QT Grain Head & F435 Cornhead. Seasons Over - Price Is Cheap. Machine W/2 Heads **$5,480**

1976 IH 886 w/R.O.P.S. Runs Good, Bad TA

$6,600





1978 Ford 9700 - ROPS - Frt & Rear Weights, Spin Out Wheels, Runs & Looks Good. **$8,100**

Schwartz 750 Mixer-Feeder Wagon With Electronic Scales, Fair Condition

$3,050

COMBINE SALE
All Combines Have Cabs

- JD 4400 Diesel ..... **Coming In**
- White 8600-D-QT-Base **$6480**
- JD 3300 D-R Screen-QT-Base **$7420**
- IH 615G-R Screen-QT-Base **$5940**
- White 7300 G-QT-Base **$5870**
- Gleaner F Diesel w/Grain & 435 Corn **$5480**

CORN & GRAIN HEADS AVAILABLE

NEW EQUIPMENT SPECIALS

SITREX P.T.O. TEDDERS
2-Wheel Pull or 3 Pt.
$895

4 Wheel- **$1695**

ROTARY MOWERS
40" 3 pt Heavy Duty $495
4' 3 pt Standard Duty $449
4' 3 pt Heavy Duty $495
5' 3 pt Standard Duty $449
5' 3 pt Heavy Duty $495
6' 3 pt Heavy Duty $695
7' 3 pt Heavy Duty $1395
4' pull Heavy Duty $595
5' pull Heavy Duty $695
6' pull Heavy Duty $895
7' pull Heavy Duty $1495
4' 3 pt Estate $1195
5' 3 pt Estate $1295
6' 3 pt Estate $1695

SICKLE BAR MOWERS
6' 3 pt pitmanless $1495

SCRAPER BLADES
6' 3 pt Heavy Duty $195
7' 3 pt Heavy Duty $225

CEMENT MIXERS
9 Cu. Ft.-3 Pt. $595
12 Cu. Ft.-3 Pt. $695
20 Cu. Ft.-3 Pt. $795

STONE RAKES
6' 3 pt. $495
7' 3 pt. $550
8' 3 pt. $595

HAY TEDDERS
2 Wheel Pull PTO $895
2 Wheel 3 pt PTO $895
4 Wheel Pull PTO $1695
4 Wheel 3 pt Ground $465

HAY RAKES
4 wheel 3 pt. $465

WOODSAWS
3 pt PTO 30" $495

ROTOVATORS
34" 3 pt. $875
42" 3 pt. $875
60" 3 pt. $1275
66" 3 pt. $1375
72" 3 pt. $1475
82" 3 pt. $1975

LOADERS
3 pt snow & dirt bucket $695

SEEDERS
PA 100 3 pt $275
PA 250 3 pt $285
PA 300 3 pt $295
PA 400 3 pt $395
PA 500 3 pt $450

LANDSCAPE BOXES
3 pt 5'6" $495
3 pt 6' $495
3 pt 7' $595

TRAILERS
1986 1 ton-9' Bed $695
1986 4 ton 14' $1495
1986 4 ton 16' $1595

POST HOLE DIGGER
3 pt 6", 9", 12", HD $495

CHISEL PLOWS
3 pt 9 tooth spring loaded ... $595

DIRT SCOOPS
3 pt Reversible $395

POTATO PLOWS
1 row 3 pt $95

DISC HARROW
5'6" 3 pt 18" Combo $495
6'6" 3 pt 18" Combo $495

SUBSOILERS
3 pt 1 shank HD $369

BALE MOVERS
3 pt 3 tine HD $379

FORKLIFTS
3 pt tilt cyl HD $2495

WAGONS
6 ton $450
8 ton loaded $550
10 ton loaded $625

CULTIVATORS
1 row 3 pt $149

BOOM POLES
H.D. 3 pt $149
Standard 3 Pt. ..... $ 79

100 COMBINE CORNHEADS

HARVESTER HEADS (75 In Stock)

LOADERS
Loader Off D.B. 990
Freeman Off 880 Brown
AC Off 1600
Souders Loaders
IH 2250 Loader
IH 2050 Loader
JD 158
Loader Off 800 Ford
IH 2000 Off 706
Loader Off 4000 Ford
Loader Off 30 Ferg.
Loader Off 550 Oliver

CORNPLANTERS
IH 2X Fast Hitch
Ford 6X Pull
JD 246 2x3 Pt.
IH 56 - 2 Row
Ford 2x3 pt.
MF 2x3 pt.-NEW
Oliver 2x3 pt.

ROLLBARS & CABS
IH 2 Post w/Roof
Case 1070 Cab
AC 7000 Rollbar
JD 4020 Cab
DB 1200 Cab
(30) Combine Cabs
Case 990 Cab
AC 7030-7050-Cab
MM G1000 Vista Cab
Ford 4000 Cab
Ford 6600 Cab
JD 4320 Cab
Ford 9600 Cab

BALERS
Extra Throwers
JD 214 Wire Tie
NH 851 Round
NH 67

NEW IDEA UNI SYSTEM ATTACHMENTS
731 4x40 Cornhead
743N Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head
3x30 Harvester Head
705 Diesel Tractor
QT Throat Assy.
710 Combine
725 3RN Cornhead

SICKLE MOWERS
JD 9 3 pt.
Ford 3 pt.
IH Cub
IH FH
Sitrex 3 pt. dynabalance

DISCS
IH 10'-11'-13' Transports
JD Plowing Disc-11'
KK 6' 3 pt.
IH 480 w/Wings-24'
IH Cub Disc
JD 10' RWA Transport
Bush Hog 16' w/Wings
JD KBA 8' pull
JD 310 Transport
Wilbeck Offset-11'

CHISEL PLOWS
JD 10' Pull
Landoll 10' Pull
5 Tooth V Chisel (3 pt.)
1 tooth 3 pt. subsoiler
5'-8'-9'-10'-12'-14'-16' 3 pt.
3 Tooth V Chisel

HAYBINES
NH 478-7'
Hesston 1070-7'

PLOWS
AC 3xSC
JD (3 pts) - 2x-3x
JD (Semi) - 4x-5x
JD (pull) - 2x-4x Reset
JD 1x Reset 2500 Attach
Oliver 3x-3 pt.
Oliver (pull) 3x
Oliver (semi, Reset)4x-5x
IH 1x (MTD)
IH 2x, 1 pt, FH
IH 3x 3 pt.
IH 550 5x (Semi)
IH 710 5x (Semi)
Ford 2x (3 pts.)
MF 880 5x (Semi)
MF 2x Rollover
Oliver 4x3 pt.
JD 5x Rollover
Oliver 3x Rollover
JD 3X Rollover
IH 3X Rollover
IH 4X Rollover
AC 3x3 pt.
JD 7x Reset
JD 4x Pull
OL 2x Rollover
IH 3x FH
IH 3x FH Disc Plow
Ford 3x3 pt.
Case 2x3 pt.

MISC. EQUIP.
Spike Harrow
IH Cub & 140 Attachments
Hesston 10W Mower
8' FH Blade
12' Lime Drills
IH Side Dressers
8' to 12' Spring Tooth Harrows
Tandem Axle Fert. Spreader
Hesston 30 Mover
(3) Bale Wagons
IH 5100 Drill
(2) Hesston 10 Stackers
Danuser PHD
Fox 660 Blower
IH 56 Blower
Gehl 95 Grinder Mixer
(3) Cornpickers
(7) Harvesters
Transplanters
Hay Rakes
Cornshellers
JD 300 Elevator
Grain Auger-6"x32'
9' & 12' Cultipacker

ROTARY MOWERS
JD 5' Pull
Ford 7' Pull
Woods 6' Offset, 3 pt.
Bush Hog 4X Stalk Chopper
Woods C80-3 pt.

CULTIMULCHERS
JD 930 - 12' 3 pt.

CULTIVATORS
AC D14-D15 2x
Ford 2x3 pt.
JD 2x (H & 420)
JD RM6
JD 6x Frt Mtd
IH Cub & Super A, A, C
IH C-H-M 2x Frt.
IH 461 Ftr. Mtd. 4x

WENGERS INC.

HOURS:
MON-FRI 7:30 To 5:00
SAT 7:30 To NOON

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

TELEX 316290

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

JOHN DEERE TRACTORS

A Runs Good-Late Model	$800
A w/Widefront-For Collector	$1500
620-3 Pt.-PS-Runs Good	$2200
420 w/Mower-3 pt.-WF-RCP	$2900
301-Gas-As Received	$2900
(2) 435-GM Diesel-RCP Each	$3900
1010-Gas-Cult.-RCP	$3900
730 Diesel-Try-3 pt.-RCP	$3900
JD 301 w/Mower-Clean	$3900
430-PS-3 pt. Cult.-For Collector-RCP	$4500
830-DE-2 Cyl.-Nice	$4500
830-DE-2 Cyl.-Nice	$5500
3020 Gas-Console-WF	$5900
3020 Diesel-WF	$5900
2640 Orchard	$5900
4020-Very Nice-RCP	$6900
4230-4 WD-Cab-Quad	$17,500
R-80-820-830 In Stock	Call

FORD TRACTORS

8N-Nice	$2400
8N-Very Nice	$3200
4000-Utility-Gas-PS-RCP	$4500
3400 w/ldr.-Forks-RCP	$4900
8000-1972-w/Dual Power	$4900
2000 w/Mower-CLEAN	$5900
4600 Diesel	$6900
5000D-Redone	$6900
1700 w/Tools-Tire Chains Low Hours	$6900
4400 w/ldr.-RCP	$6900
3550 w/ldr.-RCP	$7500
6600 Diesel-Flat Deck	$7900
9700-ROPS-Wts.	$8100
4100 Diesel-4WD-Cab	$8900
8700-Dual Power	$8900
420 w/ldr.-RCP	$8900

FARMALL TRACTORS

H	$800
H-Fenders-Clean	$1300
404	$1600
Super A w/Cult.	$1900
Super C w/Cult-Sharp	$1900
Cub-Mower-Hydraulic	$2000
Cub-Late Style	$2500
404 w/Mower	$2500
444-Diesel-WF-3 pt.-PS	$2600
504 Diesel-Hi Clearance	$2600
Cub 154 LowBoy w/Mower	$2900
Super AV w/Cultivator-RCP	$2900
560-D-WF-FH	$2900
350 Utility w/Rotary Mower-RCP	$2900
544 w/Ind. Rotary Mower-RCP	$3500
140 w/Woods Rotary Mower-RCP	$3900
424-Diesel-Utility-RCP	$3900
560D-Clean-Wide Front-FH	$3900
656 Diesel-Utility	$4500
574-Cab	$5600
656D-Hydro-Clean	$5900
100 Hydro	$5900
504 w/Loader-Gas-Utility	$5900
886-ROPS-Bad TA-1976	$6600
784-Cab-3500 Hours-1978	$6900
86 Hydro-Hi-Clear-Diesel-RCP	$6900
1206-Nice Local Trade	$6900
1486-ROPS-1977-Rear Noise	$7900
886-1979-Cab-Air-TA Works	$8900
1586-Cab-Air-Bad TA	$11,900
1466-Cab	Coming In
766-Cab	Coming In
826 Cab	Coming In

OLIVER & WHITE TRACTORS

1355	$2500
88-Wide Front-For Collector	$2900

CASE TRACTORS

930 CK Standard-Clean	$3900
970-Sharp	$6500
2670-Cab-Duals-3 pt.-PTO-RCP	$13,500

MASSEY FERGUSON TRACTORS

Pony w/Mott Mower	$1900
22 w/Loader-3 Pt.	$2000
1080D-1972	$3300
130 Vineyard-Diesel-3 Pt.	$3400
35 Gas-WF-3 pt.	$3400
165 Gas-WF-3 pt.	$3900
165 Diesel	$3900
65 Utility Diesel-Rebuilt Multi Power	$3900
35-Gas-RCP	$3900
(2) 50-GAS-RCP-Sharp Choice	$4800
65 Gas-PS-RCP	$4800
35 GAS-P.S.-RCP	$4900
165 Diesel-Multipower	$5400
MF 165 Gas-WF-3 pt.-RCP	$5900
1105-Diesel-WF-3 pt.-RCP	$6900

IMT, LONG, KUBOTA, VALPADANA & DEUTZ TRACTORS

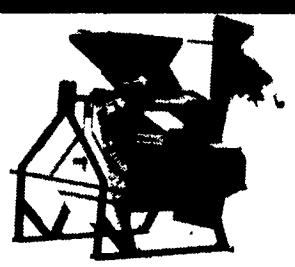
Long 460-1978-As Is	$2500
Kubota B6100-2WD	$2900
Kubota B7000-4WD-Rotovator	$4400
Valpadana 20/26 4WD-DEMO	$5900
Kubota L235-4WD	$6900
IMT 539-New	$6995
Kubota L275-4WD w/Mower	$8800
Valpadana 4033-4WD-DEMO	$8800
Long 360 4 WD-New-Was $13,690	$9400
Long 460 4 WD-New-Was $15,373	$10,800

ALLIS CHALMERS TRACTORS

G-RCP	$1900
D17-Gas-Try	$2900
200	$4900
7040	$5900
210 Diesel	$6500
185-Wts.-Very Nice	$8500
185 Cab-Air-1978-2200 Hours	$9900

DETAILED VCR COLOR TAPES WITH SOUND AVAILABLE FOR
ANY OF OUR MACHINES (VHS ONLY) $25 Per Machine
See Any Of This Equipment In The Comfort Of Your Home! ($10.00 Refundable Upon Return)

3 Pt. & Pull Type

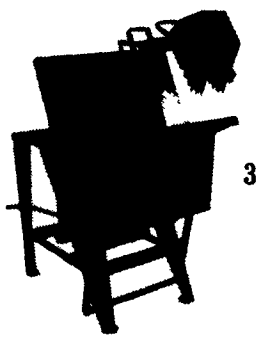


NEW CORNSHELLERS

- 3 Pt. Economy $795
- 3 Pt. Standard $1395
- 3 Pt. Deluxe $1695
- Pull Type ..... Add $100

Pictured Is Standard Model

NEW SHIPMENT JUST ARRIVED



3 Pt. WOODSAWS

$495

1981 IH 1654 DIESEL
Auto., P.S., New
900x20 Rubber,
120" CA

ONLY $10,250

TRUCKS

1966 Chevy C60 Dump	$3900
1968 IH 1x Dump	$3900
1973 Ford F350 w/Dump	$4900
1968 Dia Reo 1x Dump	$4900
1981 IH 1654 C&C	$10,250

POTATO EQUIP.

Iron Age 2X Planter
1 Row Planter
2 Row Digger
1 Row Digger-3 pt.

FORAGE WAGONS

Fox 625

FIELD CULTIVATORS

Glencoe 13' 3 pt.

DUALS

18.4x34 Snap On
20.8x38 Axle
18.4x34 Axle
18.4x38 Snap On
18.4x38 Ford Axle
20.8x38 Snap On

SPREADERS

JD R
IH Cub
NI 18
NI 12A

CONSTRUCTION EQUIPMENT

NEW 1986 TRAILERS ON SPECIAL

- 2 Axle, 4 Ton, 14 Ft. $1,495

TRAILERS

1986 1x1 Ton	$695
1986 2X 4 Ton	$1500
6 Ton Tag-A-Long	$2800
6 Ton Goose-neck	$3400
Used 12 Ton	$3900
26' Goose-neck	$4500
Phelan 20' Lowboy	$4800
1986-12 Ton	$5800
1977 44' Movall Drop Deck	$10,900
1977 Phelan 25 Ton Double Drop	$12,900

SKID STEER LOADERS

White 4-30	$3500
Melroe 720	$4900
OMC 440	$7900
(2) Case 1845 Diesel	$8900

FORKLIFTS

4000 lb., Solid Tires, Side Shift	$1000
3 pt. Attach-NEW	$2500
Clark 6000 lb.	$2900
Datsun 9000 lb.	$3900
White 6000 lb.	$4900
AC 6000 lb.-RT	$5900
Clark 8000 lb.-RT	$5900
White 4000 lb.	$6900
White 2-44	$7900
TCM-6000 Lb.	$7900
Hyster 10 Ton-RT	$8900
TCM 5000 Lb.	$9900
Komatsu 5000 lb.	$9900
White 21'	$11,500
AC I600-21'	$12,500
Sanderson SB70	$16,500
Case 584C	Coming In

TRACTORS WITH LOADERS

MH 22	$2000
MF Workbull	$3900
Ford 3400	$4900
MF 30	$4900
MF Workbull	$5900
Ford 3400	$5900
JD 301	$5900
IH 504	$5900
Ford 4400	$6500
Ford 4400	$6900
Ford 515	$6900
IH 2400B	$6900
IH 2400B	$7200
Ford 3550	$7500
IH 2500B	$7700
IH 2500B	$7900
Ford 515	$7900
Ford 515	$8600
Ford 420	$8900
Ford 515	$8900
Ford 515	$9000
Valpadana 4033-4WD DEMO	$10,800
Valpadana 4038-4WD DEMO	$11,300
(12) Ford-IH	Coming In

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Ford Log Hog	$2800
Franklin	$3900
JD 540 A	$11,500
JD 440C-1978	$18,800
JD 640	$24,900
Timberjack 230	$10,500

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(100+) Used Hoe Buckets	Come Look
(30) Loader Buckets	Come Look
(30) Set Forklift Forks	Come Look
Motar Mixer	$795
(2) Rollers-1 Ton	$1250 & Up
2 Ton Roller	$1750
Huber Maintainer	$1900
JD 350 Winch Attach	$1900
Knuckle Boom Log Loader Assy.	$3500
Joy 185 Diesel Compressor	$5900
Galion 503 Grader	$7900
Leroi 175 Air Compressor	$8900
Galion 503 Grader	$8900
Rex 3-50 Compactor	$39,500

BACKHOES

IH 3616	$5900
IH 2400	$5900
Ford 5550	$6900
JD 300	$7900
Case 580	$8900
(2) JD 400	$8900
MF 30	$8900
MF 50-Cab	$9500
IH 260	$10,500
JD 310	$10,500
IH 2500B	$10,500
IH 2500A-Cab	$10,900
JD 410	$10,900
JD 310-Cab	$11,500
JCB-Cab	$11,500
(3) Case 580B	$12,500
JD 410-Cab	$13,500
Case 580F-Cab	$16,500
Case 580C	$16,500
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Trojan 124	$7900
Trojan 204	$8900
Michigan 175A II	$10,000
Hough 65-Cab	$10,000
Fiat 545-Cab	$16,500
Fiat 345B	$19,500
Ford A62-1980	$25,000
JD 644B	$26,500

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IH TD14	$2900
JD 1010	$5900
JD 350 Cab	$9500
IH 500C-6 Way	$10,500
Case 450B-6 Way	$13,500
JD 450 6 Way	$13,500
Cat D4D-Cab	$16,500
Cat D5	Coming In
Case 1150B	Coming In
(6) Cat D4D	Coming In
JD 350 6 Way	Coming In
Case 850 6 Way Cab	Coming In

CRAWLER LOADERS

Case 850	$7500
(2) Case 350 . Each	$8500
Case 850	$8500
(3) Cat 933F Cab	$9500
(2) JD 350-Cab-Ripper. Each	$9500
IH 150	$9500
Case 450	$9500
IH 500C w/Hoe	$9800
Cat 933F Cab 4-In-1	$10,000
JD 450	$10,500
Cat 933G Cab Ripper	$11,500
JD 450 w/Hoe	$11,500
MF 200 w/Hoe-Cab-4-in-1	$12,500
Cat 951C	$12,900
MF 400-Cab-Ripper	$14,500
Cat 931-Cab	$17,500
Komatsu D31-Cab	$18,500
Cat 941-4 in 1	$21,500
Cat 941-Cab-Ripper	$22,500
(2) Cat 941-Cab-4 in 1	$22,500
JD 450 B	Coming In
JD 450 w/Hoe.	Coming In
JD 350	Coming In
Cat 941	Coming In

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43 HP 2 Wheel
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$500 to $1,500 Rebate

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Special on All NH Equipment
NH 329, 520 & 680 Manure Spreaders
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New 7710 w/Cab, Air
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New 4610 SU
New 2810, 3910
New 1310, 1510, 1710
New 1210 4WD
Used 871

NEW HOLLAND
Used 36 Crop Chopper
Used 273 Baler
Used #7 Forage Box

NEW IDEA
New NI 406 Rake

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New Ford 208, 12½' Field Cultivator
Used Satoh Beaver Tractor w/4WD w/Front Blade
Used Ferguson T030
Used Farmall Cub Loboy w/Mower
Used Farmall 350 Utility
Used Farmall BN w/Cultivators
Used JD 24T Baler w/Kicker
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New Glencoe Soil Saver Stretch 7 Shank
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New Amco Heavy Duty 12' Disc Harrow
Used Windrow PU & 2R Corn Head to fit IH 550 Harvester

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L555 D Skid Loader
NH 353 Grinder Mixer
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848-853 Round Balers
411 Disc Bine
NH Manure Spreaders
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Backhoes, Loaders, Crawlers, Dozers, Etc.
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IH 175 C, Pedal Steer & New Bottom
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AC HD-6

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NH 555 D. Skid Loader
NH 785 D. Skid Loader
NH 307 Slurry Spreader
NH 514 Manure Spreader
NH 795 Manure Spreader w/Hydraulic End Gate SOLD
NH 791 Spreader
NH 304 Slurry Spreader
NH 900 Forage Harvester

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AC 8030, 2 WD Tractor, full warranty, 130 HP, $27,500
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Deutz Allis 6250, 2 WD w/455 Loader
Deutz Allis 6275, 2 WD w/ROPS
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USED EQUIPMENT

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1976 Gleaner F Combine w/430 C.H. & 13' Grain Platform, Excellent Condition

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Newfield 465 Tractor
Oliver 1550 Tractor
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JD 336 Baler w/#30 Thrower
JD 24T Baler & Thrower for parts, $350
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IH 56 Blower
Gehl Hi Throw Blower
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JD 2510
JD 2030 w/Loader
JD 300 Husker w/2 Heads
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JD 216 Fg. Wagon
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NH 329 & 518 Spreaders
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IH 440 Baler w/Thrower
Fox 3000 Harvester
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NH 450 7' Mower
Dion Forage Wagon
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Field Sprayers: 500 gal. Century; 200 gal.; 150 gal.
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2750
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3950
Spreader: 780
Forage Wagon: 716A

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Blowers: 28
Haybines: 411, 489, 499
Forage Harvester: 790
Spreaders: 302, 520, 680, 514
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JD 4840, Cab, Duals, 1983 . . . $23,000
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JD 4440, Cab, 4 WD, QR $18,500
JD 4240, 4 WD, Cab, QR, Nice $18,500
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JD 2350 Dsl, new, ... $13,000
JD 4230, Cab, 4WD. $10,500
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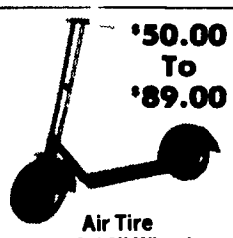

$50.00 To $89.00
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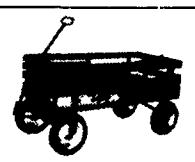

½" Ball Bearings
10"x175 Wheels
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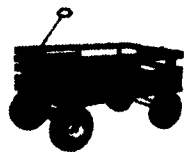
$96.95



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JD 7000, 4R Planter w/Frame Mtd. Coulters
JD 7000 4 RN Corn Planter
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JD AW Disk
JD 520 Sprayer
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TW35, real sharp
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A Top Performer For Capacity & Bale Shape

Flow-Action' feeding systems provide high capacity and excellent bale shape Feeder tines are mounted on a sturdy finger bar and engage the hay gently These tines measure the right amount of hay and move it to the bale chamber Reliable knotters go thousands of bales without a miss They feature hard surfacing at important wear points and are easy to service and maintain.

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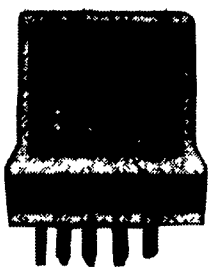

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1. Ability to memorize and recall up to ten different rations using up to eight ingredients.
2. Enables unloading of up to twenty pre-programmed ration weights.
3. Built-in self-diagnostic system pinpoints system problems, keeping downtime to a minimum.
4. Memory is protected from loss with a back-up battery with a typical life span of ten years.

GET UP TO $600 OFF The Price Of A New Weight Command Electronic Scale Attachment w/Purchase Of A Grinder Mixer

LOOK *NEW PROGRAM! NEW LOWER PRICE!* NH 855 ROUND BALER

When It Comes To All Out Baling Capacity And Convenience, No Other Round Balers Come Close.

If you want to make a lot of good-looking bales in record time, choose a round baler from New Holland...the industry leader.

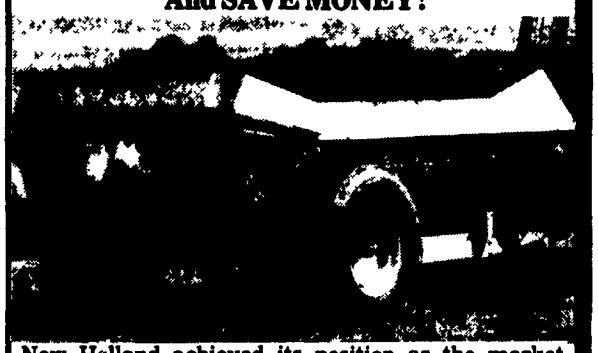
Also check out the host of automated features that make the baling job faster, more productive and convenient. The 855 makes dense, picture perfect 5½x5½ ft. bales and offers more capacity than all comparable round balers.

Own The First Choice Of Custom Operators

MODEL 855 ROUND BALERS Loaded w/Extras

One Only
List Price $17,230
SALE PRICE $13,025
CASH DISCOUNT . . . . . - 2,000
$11,025

NEW COMPETITIVE LOWER PRICES Introduce Yourself To Quality And SAVE MONEY!



New Holland achieved its position as the market leader in manure spreaders by providing quality products... spreaders that deliver trouble-free service for years. They can be equipped with the widest selection of options and attachments in the industry. And they are backed by a warranty you can't ignore: Bonded Protection.

N.H. TOP PERFORMANCE SPREADERS
Large Selection Of Models And Sizes
WE HAVE A GREAT DEAL WAITING FOR YOU!
Choose From: • Low APR Financing! • FREE Interest Financing! • BIG Cash Discounts!

THE SIDE-DELIVERY MANURE SPREADER THAT DOES IT ALL

The new Model 304 side-delivery spreader from New Holland holds 1,225 gallons of slurry or 164 cu. ft. of pen manure with the optional "fishbowl" side extensions (shown). Or, if you want to back under low barn cleaners, you might like the optional low-side extensions. Either way, you get clean hauling and fast, efficient unloading. And the "304" is built for years of reliable service.

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- MF 1144 corn head
- Vicon Fertilizer Spreaders
- Hedlund Martin Scavenger Manure Spreaders
- MF 1010 Tractor, 4WD

USED EQUIPMENT

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- IH 666 Tractor
- IH 1066 Tractor
- MF 590 Tractor
- MF 285 Tractor
- MF 165 Tractor
- 1971 Gleaner G combine w/13' grain head, 4 & 6 row corn heads
- 1977 MF 750 Combine w/heads
- 1977 MF 760 Combine w/heads
- Mitsubishi MT 180D, 4WD, Tractor, 18 h.p., hydro
- Hardy TR500 Sprayer w/45' boom
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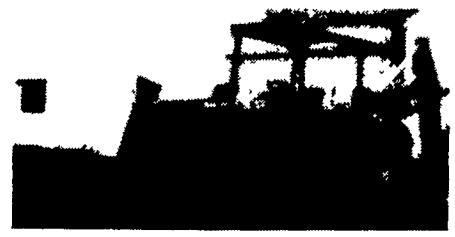

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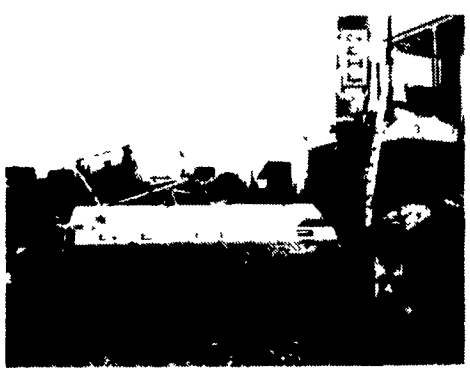

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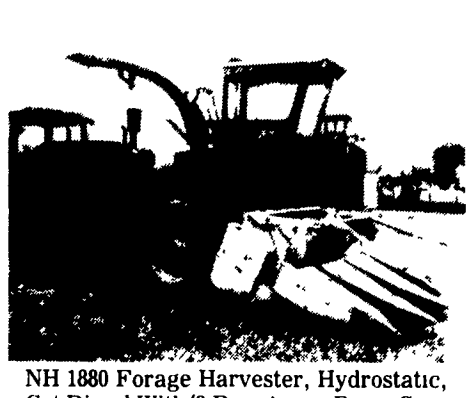

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Waiver of Finance Available Until April 1, 1987

NI 323 Corn Picker, Excellent Condition
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HARVESTERS & ATTACHMENTS

- **NH 890W** Hay Pickup
- **Fox 2300** Harvester w/3 Row Corn Head and 6 ft Hay Pickup
- **NH 717R2** Corn Head
- **NH 717R2** Corn Head
- **NH 880N3** Corn Head
- **NH 707** 3 pt Harvester
- **NH 890** Harvester
- **NH 892** Harvester w New Knives
- **NH S717** Harvester
- **NH 822** Corn Head 2 Row
- **NH 770** Harvester with 770 N2 Corn Head **$3600 00**
- **JD 38** Harvester w/2 Row Narrow Corn Head
- **NH 880** Harvester
- **NH 822** Corn Head 2 Row
- **NH 707** 3 Point Harvester
- **NH 770** N2 Corn Head
- **Fox 425** Harvester 1 Row
- **NI 323** Corn Picker
- **JD 3800** Harvester with 3 Row Narrow Head
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- **Brillion** 8 Ft Sprocket Packer Demo
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- **Oliver** 3 Bottom Trip Plow
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- **JD 210** Disk 12 10 With Cushion Gang
- **Underierth McCurdy** Cultisystem 5000 21 ft field finisher
- **JD 350** Hydraulic Reset 5 Bottom Plow
- **JD 210** Disk 12 10 With Rock Cushion

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- **JD 336** Baler w/30 Ejector
- **NH 273** Baler w/Thrower
- **JD 336** Baler w/30 Ejector
- **JD 24T** Baler
- **NH 269** Baler w 53A Thrower
- **NH 282** Baler w/62 Bale Thrower
- **JD 346** Baler w 30 Ejector
- **NH 273** Baler w 53A Thrower
- **NH 273** Engine Baler
- **JD 336** Baler with 30 Ejector
- **NH 269** PTO Baler
- **NH 849** Round Baler Auto Wrap 1 Owner
- **JD 200** Stack Wagon

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- **NH 489** Haybine 9 ft
- **NH 477** Haybine 7 ft
- **NH 1495** Self Propelled 12 ft Gas
- **Kuhn FC 250** Disk Mower Conditioner 8 2
- **NH 495** Haybine 12 Ft
- **Owatonna** Model 235 12 Ft Swing Tongue Windrower Conditioner
- **NH 1469** Self Propelled Haybine Ford Gas Good Rolls
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- **Kuhn GRS24** Combination Rake Tedder
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- **JD 1240** 4 Row Narrow Plateless Corn Planter
- **AC Model 333** No Till 4 Row Narrow
- **JD 7000** 6 Row Regular with HD No-Till Coulters
- **Cole** Iron Mounted Planter
- **IH 400** Air Planter 6 Row

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- **Farmhand 810** Grinder Mixer 80 Bu
- **Gehl 65** Grinder Mixers 80 Bushel
- **NH 350** Grinder Mixer 80 Bu
- **NH 352** Grinder Mixer 80 Bushel
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- **White Oliver 1465** 70 H P Diesel
- **White Oliver 550** Industrial Tractor Loader with Reverser
- **JD 4240** 110 H P Sound Guard Body
- **MF 255** Tractor 50 H P Diesel
- **IH Farmall 350** Gas 45 H P
- **AC-WD45** Gas 45 H P
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- **JD 2130** 65 HP w Cab and Front Wheel Drive

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- **NH 676** Spreader 275 Bushel
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- **NH S676** Spreader
- **Herd** 750 Spin Spreader
- **NI 214** Spreader
- **NI 224** Spreader
- **NH 519** Spreader 217 Bushel
- **JD 680** Spreader 400 Bushel
- **MF 205** 205 Bushel Spreader
- **NH 367** Tank Spreaders
- **JD 790** Tank Spreaders
- **NH 513** Spreader 177 Bu w/Endgate
- **NI 206** Spreader Ground Drive w/Endgate

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- **NH 25** Blower Like New

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- **NI 702** Uni System Power Unit Gas with/729 Sheller 728 4 Row Corn Head 710 Combine and 711 Grain Head
- **NH 962** N6 6 Row Narrow Corn Head
- **NI 710** Combine Unit
- **NI 711** Grain Head

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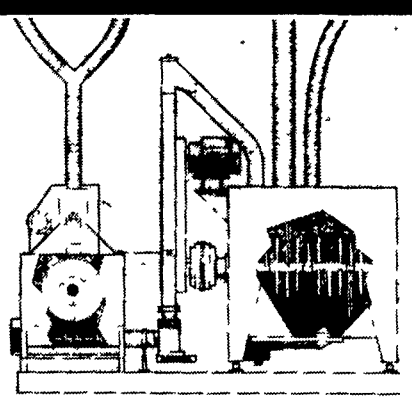

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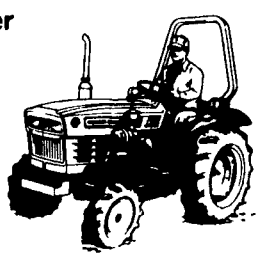

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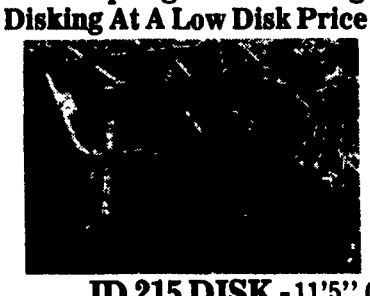

The 200 Series disks are our most versatile. You can work in one season to disk down stalks, and work in another to incorporate chemicals and make level seedbeds. This kind of versatility helps save you money.

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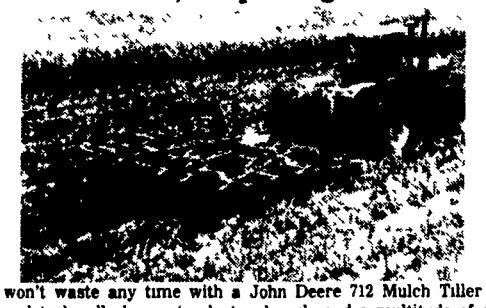

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MODEL 712 MULCH TILLER
11'3" - 9 Standards
IN STOCK - SPECIAL PRICE

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The 940 lets you cover big areas fast with operating speeds up to 8 mph. Heavy-duty S-tine shanks penetrate the soil with constant vibrating action. Soil loosens and hard clods explode.

MODEL 940 DRAWN 13 FT. S-TINE FIELD CULTIVATOR

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SAME Leopard 85, 4WD, with Cab Enclosure
IH 966
Case 300 Wide Front, Gas

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12 Ft. Massey Ferguson

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(3) Gehl 99 Blowers
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IH 205 Combine

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1978 MF 760 Hydro V8	$17,000	1974 MF 760 Gear Drive	$ 9,500		
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MF 351 19½ Ft. Soil Finisher	$ 6,100	Ford 10 Ft. 3 Pt. Chisel Plow	$ 1,200
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Glenco 7 Tooth Soil Savor	$ 6,100	MF 820 Hyd. 19 Ft. Wing Disc	$ 8,500
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Brady 12 Ft. Flail Chopper	$ 4,900	MF 124 Baler	$ 1,500
Brady 6 Ft. Flail Chopper	$ 2,500	MF 260 Harvester w/2 Row Corn Head	$ 2,500
Brady 6 Ft. Flail Chopper	$ 3,200	NH 717 Harvester w/1 Row Corn Head	$ 800
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Danuser Wood Splitter	$ 780	Razor 5 Ft. Rotary Mower	$ 400
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AC D17
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AC 190XT
AC 7000, PS, ROPS
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AC 7040
AC 7060
AC 7080
(2) AC 5040
(2) AC 5050
AC 210
AC 5020
JD 2840
JD 2240
Kubota B7100 HSE w/RC6000 Mower
IH 986
AC 6140
Oliver S55

MOWER CONDITIONERS
NH 1495 D w/12' Head
N SOLD
Hesston 600
NH 489
NH 1495 SP, 12' Hyd. Gas
NH 469
NI 279 Cutditioner

BALERS
NH 85 SOLD Wrap
(2) NH 273 w/54A Thrower
IH 4 SOLD
NH 846
NH 316 w/70 Thrower

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NH 1895 w/3RN & WPU
NH 919 N4
NH 890 W
NH 770R2
NH 890N3
NH 1890 Hydro C/A w/2 Heads, w/550 hrs.
NH 718 w SOLD 2 & 770W
NH 880 R2 Head
(4) NH 822 Corn Head
NH 770 w/WPU
IH 65 SOLD 2R Head and W
NH 28 Blower
NH 30 Blower
JD 16 SOLD
JD 5400, 2RW
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Field Queen Standard w/3R Head
NH 900, 2R 30" Snapper Head

PLANTERS
AC 600, 4R, Air
(2) AC 600 4R no-till
AC 600 6R no-till
JD 4R

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Hub 48' Elevator
Brillion 7-6 nk Soi SOLD
(2) NI SOLD preaders
Gilson Snow Blower
NH 358 Grinder Mixer
NI 325 Corn Picker
AC Pull SOLD Type Chisel
Snow
AC 2500 Disk
IH 10' SOLD
IH Spreader

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NH 462 Disc
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AC C II w/2 Heads
AC FKS2 w/430 Corn Head and 313 Flex Head
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WAGONS
Bale Kick SOLD gear
(2) Farmhand Wheel
Richardson Side Dump
(3) JD SOLD le

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RINGTOWN FARM EQUIPMENT

NEW EQUIPMENT

1494 w/cab & PS
234, 2WD
244, 2WD
385, w/ROPS
475 disc, 17'5"
370 disc, 11'6"
800 Cyclo planters, 4R
IH 4500 Vibra Shank
IH 5100 Grain Drill, 20x6
IH 4600 Vibra Shank

USED EQUIPMENT

IH 490 Folding Disc, 24' Well Maintained	MF Model 540 Combine w/Hds. Used 2 Yrs Exc. Condition	Int. #16 Forage Harv. w/1R Hd. Nice

154 LoBoy w/Mower
IH 45 Baler
Case 230 Baler
IH 384
IH 1456 w/cab
IH 1256 Tractor
500 Crawler R/C
666 Farmall G, WFE
Farmall H
Farmall C
Farmall SC w/Cults.
NH 555 Skid Loader
Haines bulk bodies
Massey Harris drill 16x7
Potato planters
1R Potato Digger
JD 4400 combine w/grain head & corn head
#475 Disk 17' 5" 22" Notch Discs Used One Season
IH 710 3 Btm. Auto. Trip Plow, excel. cond.
IH forage blower
Holland transplanter
IH 4 btm. semi-mtd. plow
Haines Stone Pickers
(2) IH 234 Corn Pickers
IH 1150 Grinder-Mixer
IH 456 Corn Planters
IH 400 Cyclo Planter
JD Plateless Planter

Case IH

New Cash Deals, Low Rate Financing or Waiver of Finance

RD 1, Ringtown, PA
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Since 1949

Badger · John Deere · Hesston Farm Equipment

USED EQUIPMENT

TRACTORS

JD 2640 w/15 5x38
JD 2940 w/3000 Hrs
JD-M w/Equipment
JD B
White 2-70 w/Roll Bar
Long 360 Diesel
IH Cub w/Mower
Farmall M
JD 70 Skid Loader
JD 2040 w/Loader

HARVEST EQUIP.

JD 244 Corn Head
Gleaner K Combine w/Platform
Badger Tandem Forage Wagon
Badger Tandem Gear Only
New Holland 717 w/1 Row Head
JD 3940 Harvester
NH 275 Baler w/Thrower

MISC. EQUIPMENT

JD 125 Skid Loader
JD 450 Hyd Push Spreader
Chromalloy Tank Spreader
10' Taylorway Chisel Plow

OTHER NEW EQUIPMENT SPECIALS

Little Giant Elevators w/Hopper 26' $1850.00
Little Giant Elevator w/Hopper 46' $2750.00
Badger 7' Mower Cond. $5500.00
Badger 1000 RPM Blower $1995.00
Henke 1000 RPM Blower $2700.00
4-Ton Electric Wheel Gear $350.00
Woods T-42 3 Pt. Tiller $1175.00
Koyker 7x35 Auger $1350.00
McCurdy 21' Rolling Harrow $4350.00
McCurdy 26' Rolling Harrow $5300.00
Badger Weigher Mixer $7500.00

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TRIPLE H EQUIPMENT

Peach Bottom, Pa.
717-548-3775 or 717-548-2094

Vermeer

(2) 605 J Auto Weave Balers (New)
(1) 605 F Baler (Used)
(1) 605 E Baler (Used)
(1) 605 D Baler (Used)
(2) 107 No-Til Drills (New)
(1) R23 Twin Rake, Hydraulic
(1) R8A Single Rake, Hydraulic
Vermeer 504 Super G, Heavy Duty

NEW VICON EQUIPMENT

(2) KM 321 Mower Conditioners, 10' 6"
(1) KM 281 Mower Conditioner, 9' 5"
(3) KM 241 Mower Conditioners, 7'10"
(1) OM 281 Mower Conditioner
(1) OM 241 Mower Conditioner
(2) RC 330 Tedder Rakes
(1) RS 310 Tedder
(1) RS 510 Tedder, 3 Pt. Hitch
(1) RS 610 Pull Type Tedder
(3) TS 1002 Seeder Spreaders
(3) LS 200M Sprayer, 21' Booms
(4) LS 400M Sprayer, 28' Booms
(1) LS 870M Sprayer
(1) LS 1410T Sprayer
(1) LS 1910T Sprayer
(1) LS 1410T Sprayer, Truck Mount

NEW H&S EQUIPMENT

(1) Super 7+4 Forage Box, Tandem Axles
(1) 8x18 Self Unload Bale Rack

USED EQUIPMENT

AC Forage Box
New Idea 7' Cutditioner
Speed King Auger, 6"x36 ft., PTO Drive, Ex. Cond.

TRACTORS

Ford 1700 w/Mower
Ford 9000 Cab & Duals
Ford 3910, like new
Ford 2000 w/Blade
Ford 601 w/Blade
Ford 555 Loader & Hoe
Ford 550 Loader & Hoe
Ford 4610, 800 hrs.
Ford 3400 w/Loader
Ford 3400 Loader & Hoe
Ford 3600 D.
Ford 3000 w/Loader
Ford 3000 8 speed
Ford 2810, 600 hrs.
Ford 2110, 500 hrs.
Ford 2000 D, NFE
Ford 2000 G, 8 SP
Ford 1100, 4WD
Ford 801 w/Loader
Ford 420 w/Loader
Ford 335 w/Loader
Ford 7600 w/Dual Power
MF 33 Pay Loader
MF 180, 8SP
Mitsubishi 210, PS
AC D15 3 pt.
AC CA w/equip.
IH 574 w/Loader
IH 454 G, PS
Case 830
JD 3020 D., NFE
JD 3010 D., NFE
JD 2010, G, NF
JD 850 w/Loader
JD 60 PS, LPTO
MF 175 D 8 speed
MM 445, WF
Oliver S 55 3 pt.
JD 3300 Combine
NI 323 Picker
NI 206 Spreader

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QUALITY LATE MODEL FARM EQUIPMENT

TRACTORS

JD 4440 Cab, Air, Quad, 1400 hrs., excellent
1982 JD 4240 Cab & Air, Quad, 720 hrs., excellent
1976 JD 4430 Cab, Air, Quad
1977 JD 4230 Cab & Air, Quad Shift, very nice
JD 4430 Dsl., Power Shift, 4 Post Roll Guard
JD 4620 w/Yr. Round Cab, 28x38 Rubber, very nice
1982 JD 4240, Cab, Air, Quad, 1600 hrs.
JD 4230 Dsl., Cab, Air, Quad, 1500 hrs.
JD 4020 Dsl., Side Console, WF
1968 JD 4020 Dsl., Cab, Dual Hydraulic
1972 JD 3020 Dsl., Side Console
JD 3020 Gas, Side Console, low hrs., very nice
JD 2510 Gas, WF, very good
JD 2940 Dsl., 700 hrs. w/148 loader, excellent
JD 2510 Gas 1600 original hrs.
1981 JD 2240 Dsl., Ind. PTO
JD 2440 Dsl., Independent PTO, Dual Hydraulic, very nice
JD 1520 Gas, Hi-Low, Ind. PTO, 38" Rubber
1980 IH 986 Cab & Air, very nice
1980 IH 886, Cab & Air, low hrs.
IH 1466 Dsl. w/Cab, Dual PTO and Hydraulic, extra clean
IH 856 Dsl., WF, 38" Rubber
IH 766 Dsl. w/Roll Guard, very nice
IH 856 Dsl. w/Cab, extra nice
MF 2745, Cab & Air, 24SP P. Shift, 20x38 Radials w/Duals, Quick Coupler and Weights, 1400 hrs., very nice SOLD
MF 1155 Dsl., Cab & Air
Ford 2110 Gas w/Blade and Flail Mower, 377 hrs.
Ford 5000 Dsl., 8SP, 2100 hrs.
AC 185 Dsl., like new
Kubota B6000 Dsl., 4 WD w/loader and 3 pt. rotary mower

HAY EQUIPMENT

JD 1219 Mower Conditioner, excellent
JD 1209 Mower Conditioner, Late Model
JD 346T Baler w/30 Ejector
JD 327 Baler w/#30 Ejector
JD 24T Baler w/Thrower, good condition
JD 337 w/30 Ejector
JD 410 Round Baler, very nice
NH 467 Haybine
NH 852 Round Baler, Auto Wrap, excellent
NH 850 Round Baler
NH 315 Baler w/Thrower
JD 640 Hay Rake
NH 56 Hay Rake
NH 1002 Bale Wagon
NH 1012 Bale Wagon, Single Bale Unload
JD 3800 Harvester w/2R Head, very good

CORN HEADS

JD 244, 2RW	AC Black 430
JD 3 SOLD RN	IH 943, 4RN
JD 443, 4RN	IH 843, 4RN
JD 443, 4RN LP	IH 844, 4RW
JD 444, 4RW	MF 43, 4RN
JD 643, 6R 30	MF SOLD RW
AC 438, 4RW	MF 1163, 6RN
AC 430, 4RN	

FALL SPECIALS

IH 856 Dsl. w/38" Rubber $4,950
1968 JD 4020 Dsl., Power Shift, Side Front . . $5,950
JD 2630 Ind. PTO . . . $6,850
JD 4020 Diesel, Side Console, Wide Front. . . $6,950
JD 520 w/3 pt., Power Steering $1,650

NEW ARRIVALS

JD 4840 Dsl. Cab & Air, P. Shift, 20x38 Radials, 1700 hrs., very nice
JD 4320 Dsl. Cab & Air, $3,800
1977 JD 4030 Dsl. Cab, Air, Quad, very good
JD 2940 Dsl., 1800 hrs., very good
NH 513 PTO 170 Bushel Manure Spreader
IH 966 Dsl. Fender Tractor, 1400 hrs., 18x38 Rubber, excellent

CORN PICKERS

NI 325, 2RN w/Super Sheller
NI 325, 2RN w/12 Roll Bed, like new
NI 324, 2RW 8 Roll Husking Bed
NI 323, 1R

TILLAGE

JD 1100 Field Cutlivator, Hydraulic Fold, 20'
Brady 17' 3 pt. Hydraulic Fold Field Cultivator
JD 1710A 11 Tooth Conser-till
JD 950, 12' Roller Harrow, like new
Oliver 12' SOLD lding Spring Tooth Harrow
IH 9 Tooth High Clearance 3 pt. Chisel Plow
IH 700, 4x18 Spring Reset Plow
IH 720, 4x18 Spring Reset Plow
IH 720, 5 Base Spring Reset
IH 710, 6x18 Spring Reset On Land Plow
IH 710, 4 & 5 Base Spring Reset 16 & 18"
JD 4 & 5 Base Semi Mounted
JD 3 Base 3 pt.
JD BWA 12'
JD BWF 20' Wing Fold Rock Flex Disk
JD 12' BWF Disk
JD AW 11' Disk

MISCELLANEOUS EQUIPMENT

JD 8200 Grain Drill, new w/Grass Seed 18 Single Disk Openers
JD 8250 Grain Drill, Fert., Grass Seed, 21 Single Disk Openers
JD FBB 17x7 single disk Grain Drill, Grass & Fert.
JD 5½' Hay Pickup, like new
JD 148 Loader for 2840 & 2940 Tractors
Bush Hog Loader, Quick Tach, like new
18x38-18x34-20x38 Duals
Brillion 10' Packer Seeder, Hyd. Transport, 2 boxes, like new
Cabs to fit IH 706 thru 1466 Tractors
Cabs to fit JD 3010-4320 Tractors
JD 45W Loader w/Hydraulic Bucket to fit 2 cylinder tractors
JD 214 Self-unloading Forage Wagon, very good
IH Roll Guard w/Canopy
JD RG & RM 4&6R Cultivator
Woods 214 Rotary Mower

GRINDER MIXER SPECIALS

NH 352, $2,250
NH 353, $2,950
NH 354, $2,250
NH 355, $2,950
Brady 10 SOLD Ton $1,850

LOADERS

JD 2640 Dsl., 1400 hrs. w/148 Loader
JD 2640 Dsl., 1600 hrs., Direction Reverser w/146 Loader
JD 2630 Dsl., 2200 hrs., w/146 Loader and Direction Reverser
JD 2240 Dsl., 1500 hrs., Hi/Low, Independent PTO, 145 Loader
Gehl 2600 Skid Loader, 1100 hrs.
NH L445 Skid Loader w/Deutz Dsl Engine
Bobcat 610 Skid Loader w/Enclosure

CORN PLANTERS

JD 7000, 4RW, Dry Fert., Insect., Planted 50 acres
JD 7000, 4RN, Dry Fert.
JD 7000 SOLD RW, Dry Fert., Insect.

COMBINES

1981 MF 550 Dsl. Late Model, Cab, Air, 23" Rubber, SOLD hrs., very nice
1981 IH 1440 Dsl. Cab, Air, Hydro, excellent
1979 JD 4400 Dsl. Cab, Air, 900 Hrs., excellent
1980 Gleaner F2 Dsl. Cab, Air, Grain Saver, 450 hrs., 13' Grain Table, excellent
1976 JD 4400 Dsl., Cab, Air, very nice
Gleaner 15' Flex head to fit F & F2 Combines
1976 Gleaner FKS Dsl., Cab & Air, very nice
JD 3300 Gas, Rotary Screen, Choice of Heads, very nice
IH 82, 7' Pull Type
Corn & Soybean Chopper to fit JD 3300-4400
JD 213 SOLD Head
JD 215 & 213 Rigid Grain Platforms
MF 13' Grain Platform
IH 820 13' Flex Head

Good Selection of Grain Tables
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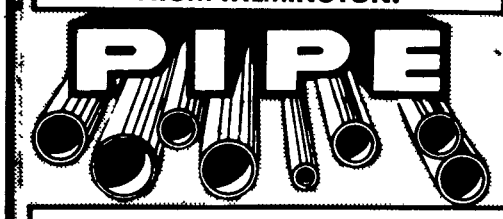

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45-66 45 hp 2 WD, ROPS, canopy, 1 remote $10,995
45-66DT 4WD, ROPS, Canopy, 1 remote $13,950
L310 Loader for 45-66 tractors, 66" bucket $2,995
55-66 55 hp 2WD, ROPS, canopy, 1 remote $13,895
60-66 60 hp 2WD, ROPS, canopy, 1 remote $13,995
L330 Loader fits 55-66 & 60-66, 72" bucket $3,425
70-66DT 4WD, 12x12 trans., ROPS, 1 remote $18,625
70-90DT 4WD cab, air, 2 remotes $22,980
80-66 2WD, ROPS, canopy, 1 remote ... $17,225
L350 Loader fits 70-66 thru 80-66, 72" bucket $3,885
100-90 100 hp 2WD, cab, air, 2 remotes $22,890
100-90DT 4WD, cab, air, 2 remotes $27,995
L350H loader fits 100-90 tractors $3,485
140-90 2WD, cab, air, 3 remotes $31,965
160-90 2WD, 16 spd. power shift, cab .. $35,865
160-90DT 4WD, cab, air, 3 remotes $38,555

HESSTON BIG TRACTOR DEMOS

1180T, 105 PTO HP, 150 Hours $22,500
1380T, 123 PTO HP, 140 Hours $24,000
1580, 130 PTO HP, 120 Hours $25,500

* All Tractors Sold w/Full Warranty Includes 4 yr 3,000 Hr Engine Coverage. Plus Demo Units Above Are 2WD w/11 00-16 And 18 4-38 Tires, Long Rear Axles, Cab w/Air and Rear Tires Loaded

NEW HESSTON EQUIPMENT

1085 9 ft. mower conditioner, demo $7,395
1050 9 ft. disc mower conditioner $9,600
1150 12 ft. hyd. tongue mower conditioner, demo $10,585
5530 550 lb. 3x5' round baler $6,350
5545 1200 lb. 4x6' round baler $10,350
5585 1500 lb. 5x6' round baler $11,395
BP20 Round Bale Processor $6,995
4600 Bee Line Baler 14x18" w/thrower $11,000
4800 Big Baler 4'x4'x8' one ton baler $43,795
7155 175 hp, 1000 PTO, electric controls $11,995
2540 9-shank cutter chisel $5,995
2440 25 ft. hyd wing disc w/3 bar levelers $11,500

USED TRACTORS & EQUIPMENT

* JD 4430, cab, Q.R. $13,500
* JD 4030, 4 post ROPS, Q.R. $10,500
* JD 4020, ROPS, canopy, W.F , turbo, std. trans. $9,500
JD 3010, gas, N.F., recent trans. rebuild. $5,100
JD 1530 ..... $5,885
JD 1020, gas, very good condition $4,500
Mitsubishi MT 250, 4 WD, 82 hrs. $7,400
IH 560 Diesel $4,000
IH M $1,100
Ferguson T020 w/5 ft. rotary cutter $2,495
New Idea #12 Spreader $750
JD side mount mower $525
MM 12 ft. chisel plow, pull type $1,395
NH 495 12 ft. haybine $3,495
IH Super A w/snow plow, one bottom plow & cult. $2,875

* Denotes equipment that is available or coming in

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USED EQUIPMENT

TRACTORS:

IH Farmall "C"
Farmall 450 Diesel
Farmall Super C w/Fast Hitch & Cult.
Farmall 400 Gas, Tricycle
Farmall 806D, WF
Int. F12 w/cult., $650 - Runs
IH 240 w/Fast Hitch
Cub Lo Boy w/60" Mower
IH 185 Cub Lo Boy w/Mower — Mechanic's Special, $1,500
IH 340, Utility, WF, FH
IH 460 Utility Gas - Real Nice Cond!
MF 135 gas, low-profile orchard tractor
Ford 9N tractor
JD 430T, 3 pt. Hitch w/Cult. & Side Dresser

HAY & FORAGE:

Int. 56 Blower, Rebuilt
IH 61 Forage Wagon w/140 Gear - $750
NH 33 Flail Chopper
NH No. 26 Blower
(2) NH No. 27 Blowers (Whirl-a-Feed)
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper (Parts)
1014 Hesston Mower Cond. — Make offer!
NH 461 [SOLD] ft. Mower Cond., Good Cond.
NH 69 Baler w/o Thrower
NH 268 Rake w/Jack
IH 27 Baler - Real Nice
IH 420 Baler w/o Thrower
IH 430 Baler w/Thrower- $1,500!
IH 440 Baler - Real Nice!
(2) IH No. Bale Throwers
IH Direct Cut Head For 15 or 16 Chopper
IH 781 Chopper w/2 Row Head - Like New
NI Stalk Shredder, 12'
Woods [SOLD], 3 pt Hitch, Finish Mower

MISCELLANEOUS:

SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor — $650
ARPS 3 pt. 78" Snowblower
Vicon 281 Mower Cond.- Extra Special Price! (New, Demo.)
Walsh 300 Gal. Trailing Sprayer
Howard Rotovator, 54", 3 pt. Hitch, Hvy. Duty - $1,050
Tricycle High Boy Sprayer, Set Up For Sweet Corn, with FMC High Pressure Pump - Needs Work, Make Offer

MATERIALS HANDLING:

Farmhand Loader for IH 74 or 84 Series Tractor
357 Hawk Bilt Tank Spreader, Tandem Axle- Coming In

IH PARTS COMBINES:

IH 315 Hydro & Plat.
IH 315 Gear & Plat.
IH 403 Gear, 4R Wide Hd & 12 Ft Plat
IH 227 Cornhead
IH 700 13' Platform w/Floating Cutter Bar

TILLAGE:

Brillion Vibra Tine Trailing Field Cult., 16 Ft., Like New
Pittsburg 11'6" Disk
JD KBA Disk, 9' — $750
JD BWA 12' Disk
JD 1710A 12' Trailing Mulch-Tiller, Like New — ~~$3,950~~ — Now $3,650!
IH 37, 35 In Various Sizes
Ford 3 pt. Hitch 3-Bot. Plow, 14", Category 2
IH 550 5-Bottom Semi Mtd. Plow
Int. 360 20 ft. Trailing Field Harrow
1-Bot. Trailing Plow
Vicon 10' Power Harrow — Was ~~$2,500~~ — Now $950

COMBINES: 8.8% Int. or Waiver Til 11/1/87

AC FKS Diesel 4-Row Narrow Cornhead, 13' Platform, Nice Shape! — No Reasonable Offer Refused
AC FKS Diesel w/4-Row Wide Cornhead & 13' Platform
IH 205, Cab, 10 Ft. Platform, Real Nice - $4,800
IH 227 Cornhead, fits 315, 205 or 203
IH 843 4-Row-Narrow Cornhead — $3,250
IH 863 6-row Cornhead Real Nice!
MF 550 Hydro, Late Model, Grey Cab, 900 Hours, 1144 Hd. And 13 Ft. Soybean Platform
JD 45 w/Hume Reel, Good Shape
744 Wide Cornhead for 715
743 Narrow Cornhead for 815

OUTDOOR POWER EQUIP.

Cub Cadet 149 w/42" Mower
Cub Cadet 108 w/Mower
Cub Cadet 106
Cub Cadet 105 w/mower
Cub Cadet 682 w/50" Mower
Cub Cadet 982 w/50" Mower-Rental Unit
JD 210 w/Mower, Nice Shape
AC Big 10 w/Mower
Gravely Model 424, 10 Hp, w/Mower
Yazoo 16 Hp w/48" Deck, Nice Shape
Yazoo For Parts

PLANTERS:

IH Model 510 16x7 CO SD grain drill like new
(2) IH 56 4-Row Planters - Real Nice Cond
IH 400 4-Row Cyclo Planter
IH 2-Row Fast Hitch
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq Fert., 30" Rows w/DEMCO Squeeze Pump — Nice!
JD Van Brunt 13x7
JD FBB 17x7 DD

Fall Specials!

JAMESWAY VENTILATION EQUIPMENT IN STOCK
Limited Availability **50% OFF**

Butler 115 Mix Box (Make Offer)	$6,450
Vicon 281 Mower Cond (Demo Make Offer)	$9,500
Trailblazer Foam Marker Kit (List $950)	$ 785
Century Dye Marker Kits 2 Available At 10% Below Dealer Cost	$350 ea.

John Blue Saddle Tanks - 200 & 260 Gal Available In Stock
John Blue 300 Gallon Trailer Sprayer
John Blue 500 Gallon Trailer Sprayer
John Blue 6-Row Tool Bar For Side Dressing - In Stock, Ready For Delivery— Only 1 Left!

1-ONLY SPECIALS... 8.8% INT. or WAIVER TIL 11/1/87

IH 4623 Vibra Shank 23 Trailing Field Cult Demo Setup Weathered	$4,895
IH 4630 Vibra Shank 30 Trailing Field Cult , Not Set Up	$5,895
IH 540 Spreader Used Tires, Weathered	$2,645
IH 144 Cultivator For IH 274 with Rear Section Not Set Up	$1,195
Case IH 1190 Mower Conditioner 9 Ft , Demo	$4,988

8.8% INTEREST or WAIVER TIL 11/1/87 Plus... $2,000 TO $10,000 CASH BACK ON NEW TRACTORS & COMBINES!

case ih

NEW EQUIPMENT

Int 200 Series Tractors In Stock — All Models Available!
Case 2294 — 4WD — Extra, Extra Special Price Rental Unit
Case IH 1896 — 2WD — 2 In Stock — 1 w/Cab & Air, 1 w/4 Post Roll Bar
Case IH 2096 — 2WD & 4WD — Cab
Case IH 2294 — 2WD — Cab
Case IH 585 w/Shuttle Shift
IH 585 — 4WD — Demo
Case IH 685 Row Crop — ROPS
(3) Case IH 685 — Orchard Special — Demos
Case IH 385, Low Profile w/Turf Tires — ROPS
Case IH 1594, 4-Wheel Drive, 2 Post ROPS w/Power Shift
Case IH 1394, 2 Wheel Drive, 2 Post ROPS, Power Shift, Turf Tires
Case IH 1394, 4-Wheel Drive, Cab, Power Shift
Case 1835 B Skid Loader — Gas
(2) Case 1845 C Skid Loaders
IH 183 Vibra Shank 4-Row Cult — Set Up — Extra Special Price
Straw Chopper For 1420 Combine — Make Offer!
Case IH 1660 Combine
1063 6-Row Cornhead, 1043 Cornhead and 1020 15 Ft Pla [SOLD] ailable
IH 560 Spreader
Case IH 415 13'2 Packer Mulcher
Case IH 415 10'1 Packer Mulcher
Case IH No 720 6-Bottom 18" On Land Plow
IH 181 Rotary Hoe
800 6-Row Air Planter — Demo
Case IH 20x6 Plain And Combination Drills
Case IH 18x7 Plain Drill
Case IH No 14 Sub-Soiler, Auto Reset

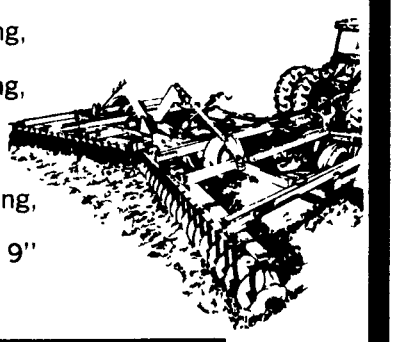
CASH BACK! $2,000 to $10,000 Cash Back On New Tractors & Combines

DISKS

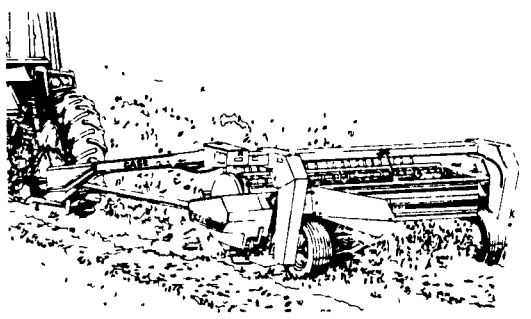
Case IH 496 18x7 Cushion Gang, 7½" Spacing
Case IH 496 18x7 Regular Gang, 7½" Spacing

New Model — JUST IN...

Case IH 475 [SOLD]6, Cushion Gang, 7½" Spacing
Case IH 475 12', Cushion Gang, 9" Spacing



HAY EQUIPMENT SPECIALS



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Case IH 96 Hydraulic Rake
Case IH 1490 12 ft Hydroswing
Case IH 445 Baler with Thrower - Demo
Case IH 3450 Big Round Baler

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- Brouwer Turf Equip
- Grasshopper Mowers
- Myers Forage Wagons
- Hedlund Martin
- Madison Silos
- Ag Chem Sprayers & Parts
- Northwestern Skid Loaders
- Woods Mowers, Blades & Backhoes
- Trailblazer Foam Markers
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DREAMS REALLY DO LIVE ON AT YOUR JOHN DEERE DEALERSHIP.

Visit us for the best selection of durable, real life replica John Deere toys. They're built to last, and to keep your child dreaming.

For the fun of collecting and playing, come in now for all your holiday needs. Who says it doesn't pay to dream!

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NEW JOHN DEERE TILLAGE EQUIPMENT SPECIALS

235 Disk Harrow, 18'6", center fold, dura cush.
215 Disk Harrow, 12'10", dura cush.
215 Disk Harrow, 12'10", w/cushion gang att.
115 Disk Harrow, 11'5"
1000 Plow, 3-pt 2B14"
2800 Plow, Semi-mtd., 5B18" spring reset
970 Roller Harrow, 12'
940 "S" Tine Field Cult., 13' drawn
1010 Field Cult., 12½' integral
1010 Field Cult., 18½' drawn, horiz. fold

NEW MANURE HANDLING EQUIPMENT SPECIALS

JD 95 Rear Mtd. Blade, 9'
JD 115 Rear Mtd. Blade, 9'
JD Hyd. Loaders, 148, 245, 260
JD 465 Flail Spreader, R.H. Delivery
JD 450 Hyd. Push Spreader w/endgate
NI 351 Spreader w/sngl. btr & hyd. endgate

JDFP Finance Terms-Approved Credit

WAIVER ON FARM TRACTORS
New John Deere Utility Sept 1, 1987
New John Deere Row Crop- Sept 1, 1987
Used Utility Jan 1, 1987
Used Row Crop- Jan 1 1987
Extended Waiver Available On Used Tractors

WAIVER ON NEW JOHN DEERE & USED COMBINES
Grain Combines- June 1, 1987
Corn Combines- Sept 1, 1987

WAIVER ON NEW JOHN DEERE AND USED CORN PLANTERS
To April 1, 1987

Waiver on Hay Equipment
New John Deere July 1, 1987
Used May 1, 1987

Waiver on Forage Equipment
New John Deere Sept. 1, 1987
Used March 1, 1987

Your best source for equipment financing

JOHN DEERE JDFP FINANCE PLANS

CORN PLANTERS

	Tag #	Sale Price
JD 7000 6R Cons , dry f , insect, mon	#3476	$8995
JD 7000 6R Cons , liq f , insect, mon	#3386	$8995
JD 7000 6R Cons , liq f , insect, mon	#3429	$7995
JD 7000 6R Reg , dry f , insect	#3199	$6595
JD 7000 6R Reg , liq f , insect, mon	#3433	$5995
JD 7000 4R Cons , dry f , insect, mon	#3400	$8500
JD 1240 4R, dry f , insect	#3251	$1895
JD 1240 4R, dry f insect	#2355	$1595
JD 1240 4R, dry f insect	#2849	$1195
JD 1240 4R, dry f insect	#2543	$ 895
JD 494, 4R, dry f	#2720	$ 300
JD 494, 4R dry f	#3619	$ 200
IHC 56, 4R	#3570	$ 200
JD Liquid Fert , 4R attach	#3259	$ 150

USED CORN PICKERS

	Tag #	Sale Price
NI 324 2RW/329 Sheller	#2430	$3,995
NI 324 2RW w/8 roll Husk	#3823	$3,450

USED HAY EQUIPMENT

	Tag #	Sale Price
JD 346 Baler, 30 Ejector	#3100	$3,950
JD 346 Baler 30 Ejector	#3719	$5,295
JD 530 Round Baler	#3825	$8,150
JD 346 Baler, 30 Ejector	#3677	$5,295
JD 336 Baler, Wgn Hitch	#3684	$2,795
JD 336 Baler, 30 Ejector	#3244	$4,995
NH 270 Cut/Ditioner	#2965	$1,595
JD 12 14 Mower Cond	#1507	$ 995

USED COMBINES

	Tag #	Sale Price
JD 6620 SH Cab A H Stw Spdr w/215 Flex Plat w/643 SH Corn Head	#3315 #3317 #3319	$59,000
JD 4420 Cab A/H Stw Spdr w/213 Flex Plat	#2304 #2310	$25,000
JD 7700, Cab A/H, AHHC	#2721	$15,500
JD 6600, SH, Cab, A/H 643 SH Corn Head	#3753 #3754	$23,000
JD 6600, SH, Cab, A/H w/215 Flex Plat w/643 SH Corn Head	#2918 #2923 #2925	$27,900
JD 6600, Cab A/H, AHHC w/213 Flex Plat	#3166 #3193	$21,900
JD 213 Flex Platform	#3828	$4,450
MF 300, Cab A , w/13 ft Platform w/3R30" Corn Head	#2862 #2883 #3058	$6,500
NI 702D Uni, Cab w/710 Combine, 13' Plat	#1343	$4,500
AC Gleaner "F" w/13' Plat w/430 Corn Head	#3686	$13,950

USED FORAGE HARVESTERS & EQUIPMENT

	Tag #	Sale Price
JD 5200 SP Cab w/3R 30" RC	#2855 #2861	$14,500
JD 5440 SP Cab Power Whl Dr w/3R 30 RC	#3771 #3774	$39,950
JD 5400 SP Cab, Power wh dr	#2840	$29,500
JD 38 PT w/5½' Hay P Up	#3288	$1,995
JD 3R 30" Row Crop	#3147	$1,995
JD 3R 30" Row Crop	#2312	$1,795
JD 3R 38" Row Crop	#3108	$995
JD 3R 38' Row Crop (SP)	#1431	$1,095
NH 890 PT Harvester w/3RN RC & 6 Ft Hay PU	#3819	$4,295
JD 716 Hi Side 3B Roof Reconditioned	#3755	$5,995
JD 716 Hi Side 3B Roof Reconditioned	#3756	$ 5,995
JD 216 Wagon Hi Side 3rd B Roof 1065 Gear	#3769	$2,350
Grove Wagon 2 Btr	#3796	$1,495
Badger Forage Wagon w/Roof Reconditioned	#3815	$5,500
Badger Forage Wagon w/Roof Reconditioned	#3816	$5,500
Badger Forage Wagon w/Roof Reconditioned	#3817	$5,500

USED MANURE HANDLING EQUIP.

	Tag #	Sale Price
NH 367 Tank Spreader	#2512	$1,495
Badger BN220 Tank Spreader	#3438	$1,895
IHC 575 w/Hyd End Gate	#3830	$3,950

USED FARM TRACTORS

	Tag #	Sale Price
JD 4050 Q R SGB	#3622	$27,500
JD 3010 Dsl S/R, ROM	#2997	$ 5,500
JD 2510 Gas, S/R, ROM	#2257	$ 4,350
JD 2030 HU Dsl	#3262	$ 9,550
JD 40T w/Cult	#3457	$ 1,595
IHC 706 Dsl	#3451	$ 6,500
JD 4240 Q/R SGB	#3705	$16,500
JD 4630 S/R	#3712	$9,950
JD 4430 QR SGB	#3759	$18,500
JD 4030 S/R Dual RC	#3748	$12,500
JD 4000 Dsl P/S	#3790	$ 8,995
JD 3020 Gas, S/R	#3267	$5,000
JD 3020 Gas, S/R, WFE w/Allied Hyd Loader	#3654 #3655	$7,995
JD 3020 Dsl S/R, WFE	#3765	$6,500
JD 3020 Gas, S/R	#3709	$5,995
JD 2020 RU Gas, w/47 Hyd Loader	#3695 #3696	$6,995
JDA w/2 Row Cult	#3752	$1,195
JD E w/2 Row Cult	#3716	$1,195
Oliver 1650 Gas	$2595	$ 4,500
White 2-105 Dsl, WFE	#2313	$6,995
Ford 600 w/3-pt	#2464	$2,500
Farmall Super A w/Cult	#3431	$2,450
AC 8050 MFWD, Cab, P/S	#3789	$27,500
IHC 706 Dsl	#3451	$6,500
Deutz 6006 Dsl	#3863	$ 3,750

YEAR END - USED EQUIPMENT SALE
DURING DECEMBER
REDUCED SALE PRICES AS SHOWN

LAWN/GARDEN
A Good Selection Of Used JD & Foreign Makes Lawn/Garden Tractors, Mowers & Snow Removal Equipment.
PRICED TO SELL

MOLDBOARD PLOWS

	Tag #	Sale Price
JD F845 3-16" 2 way	#3650	$1195
JD F125 4 16", 3 pt	#3777	$ 850
JD 2B, 3 pt	#3704	$ 195
White 348, 3 18" sp reset	#3657	$2195

CHISEL PLOWS

	Tag #	Sale Price
IHC 3-pt 9 cush stds	#3445	$1095
IHC 3-pt 7 rigid stds	#3209	$ 895

DISK HARROWS

	Tag #	Sale Price
JD 315 12' 10'	#3506	$5500
JD 3000 series 14'	#2563	$1995
JD 310 14' 3"	#2602	$2995
Athens 131 tandem, 28 bl	#3299	$1595

GRAIN DRILLS

	Tag #	Sale Price
JD 8300 18x7, sdo, gsa	#2799	$2495
JD 8200 21x7, ddo, gsa	#3362	$3750
JD FB157B, sdo, gsa	#3787	$ 695
JD FB 13x7, sdo, gsa	#2683	$ 695

MISCELLANEOUS

	Tag #	Sale Price
JD RG40 3 pt cultivator	#3698	$1195
JD 307 3 pt rotary cutter	#3531	$ 295
JD P107 3 pt rotary cutter	#2372	$ 250
Friend 3-pt Sprayer 18'	#2813	$ 695
Walsh trailer sprayer	#3554	$ 495
JD 78 3 pt rear blade 7	#3811	$ 450
JD 27 Flail Shredder 4 whls	#2028	$2995
JD Hood for 125 chuck wagon	#3167	$ 85
Pr 18 4 34 8P GY tires		$ 175
Second R C valve for JD 3020 dash mtd		$ 390

COMPACT UTILITY TRACTORS & EQUIP.

	Tag #	Sale Price
JD 950 2WD w/423 fr blade 7'	#3871	$7500
JD 755 4WD, turf tires	#3836	$8295
JD 365 front blade (fits 650)	#2187	$ 895
IHC Cub Low Boy 154 w/mid mower	#3204	$2500
York RS 5' rake w/casters	#3849	$ 595
IMCO 5' rotary cutter, 3-pt	#3571	$ 425

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1 FARM EQUIPMENT

NEW 3 PT. FARM EQUIP.

- 1 & 2 Bottom Plows
- Discs - 4' - 8'
- Blades 5'-8'
- Box Blades 4'-8'
- Stone Rakes 6'-8'
- Post Hole Diggers
- 1 Row Cultivators
- Dirt Scoops
- Boom Poles
- Rear Carriers
- Wood Saws
- Fertilizer Spreaders
- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes & Tedders
- Rotary Mowers 4'-6'
- 5'-6' Finish Mowers
- Bale Carriers
- Sickle Mowers
- Rototillers
- Log Splitters
- Power Winch
- 8 Ton Wagon Gears
- 10' Tilt Trailer
- '78 Dodge Club-Cab, 4WD PU
- '78 TransAm

DEALERS WANTED
Lots of Used Equipment

KUTZ FARM EQUIPMENT
Pine Grove, PA
(717) 345-4882

USED EQUIPMENT

SPREADERS
JD 790 Spreader, $995
NH 791, $2500
NH 510, $750
JD 40, $995
1257 Demo Hedlund Martin, $4500

TILLAGE
JD 3 BT 14" Plow
JD KBA 9 Ft. Disk
JD 22 Ft. Wheel Harrow
AC 4 BT Plow
IH 3 BT Plow

COMBINES
JD 55
IH 105
JD 344 corn head w/harvester adaptor plate, $2,500
Walsh Sprayer, $595

LOADERS
OMC 320 Skid Loader, $3900

TRACTORS
JD 2520 Dsl., $6500
JD 3010, $5500
JD 2840, $11,500
JD 620 w/237 mounted picker $3500
JD 2520 Gas, $5800
Set of 34" Duals w/Bar Clamps, $450
Set 36" Wheels

HAY & FORAGE
NH 479 Haybine, $1200
JD 38 & 35 Harvesters
JD 510 Round Baler $5100
JD 100 Stack Mover $1700
Hesston 5800 Round Baler, $3200

bobcat
JOHN DEERE
HEDLUND MARTIN

New & Used John Deere Equipment

Lawn & Garden Equipment

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HCR80--Box 22
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John Deere Sales & Service

For Sale Tanks - Irrigation

New and used polyethylene storage and transport tanks - irrigation pipe and supplies. Used 1000 - 2000 - 2250 gal. tanks. See the new 1000 gal. horizontal tank with molded base, easy truck or trailer mount. New for 1987 2500 gal. tank. Used irrigation pipe 2"-3"-4"-5"-6". New and used pumps and travelers. Let us find your irrigation equipment needs for 1987. Specializing in liquid manure irrigation. We can supply your 1986-87 fertilizer needs with Alpine Plant Food, Liqui-Cal, Sulfur, Micronutrients and Biologicals. Manufacture to farm is our goal. You save when you call **(717) 264-3515 or 264-7492.**

Frey's Dairy Garage
1308 Spring View Drive
Chambersburg, PA 17201
Adin L. Frey - Over 20 yrs. on the farm experience with irrigation.

POLYETHYLENE TANKS

Early Order Sale

6500 gal. tank w/3 HP 2" pump, 100; 2" PVC hose w/2" valve and 10, 2" assorted cuplings. Total Sale Price $2,700
1600 gal. tank w/2" valve, 30', 2" PVC hose and 2, 2" couplings, $535
1100 gal. tank w/2" valve, 15', 2" PVC hose and 2, 2" couplings $415

Other Size Tanks Available
Limited Quantities
Sale prices only to Dec. 16, 1986

1½", 2" and 3" PVC hose, rubber hose and couplings at wholesale prices.

Thomas Bachman & Son
2501 Fallston Road
Fallston, MD 21047
301-557-7529
301-836-6877

New A.C. 40 H.P. Diesel Tractors w/Hydraulic & 3 Pt. Hitch — Special — $7,800 En.

TRACTORS

AC 7030	AC 7010D	AC XT190D	IH 806
AC 7060	AC 200	AC 180D	JD 2010
AC 7040D	AC 210	AC D19D	MF 65G
AC 7045D	Oliver Super 77	AC D14	Case 1490
AC 7050D	AC 7000D	AC 5050D	JD 450 Crawler
AC 7020D		AC 5040D	Oliver 1650D

Used Hay Wagons	Used Batch And Continuous Flow Dryers	Used Gehl Mower Conditioner

USED COMBINES (LIKE NEW)
A C Models. G-C-N-L-F
These Combines are in Excellent Condition

NI 706 UNI-SYSTEM, HYDRO DRIVE w/717 COMBINE, CORNHEAD & GRAINHEAD

GRUMELLI FARM SERVICE
bobcat
Quarryville, Pa.
717-786-7318

USED TRACTORS

AC 7040, cab & air, power shift; 7030, cab & air; 6140 4WD w/loader; 6080; 6060 4WD; 5050 4WD w/loader; 5040 w/full hyd. front end loader; 190XT; 190XT w/cab; 175 diesel; 170 Gas; 160; D17; D15; G w/hydr. & cultivator; B; WD 45.
JD 3010 diesel; 2240.
IHC 544; 424 w/hydr. dump loader; 230; 140; 100; Super A, with equipment; Cub; Cub low boy w/5' Woods rotary mower; Cub low boy w/Mott Hammer knive mower; Cub w/cultivator; Farmall 460 Gas, Farmall M; Farmall H w/mower & snow plow.
FORD: 7600 diesel, high clearance; 6600 w/quick tach front end loader; 4100 Diesel w/loader; 4000; 3550 w/loader; 600; and 8 N's.
KUBOTA: 7500 4WD demonstrator; 6000 4WD w/sickle bar mower; L 225 w/cab.
MF: 285; 265 diesel; 180; 175 diesel; 165; 65; 50 diesel; 40; Ferguson 30 w/loader; 40.

SNOW EQUIPMENT

75 Assorted snow plows; 3 pt., fast hitch, & snap coupler rear scraper blades; new tire chains - car, truck & trailer; some used tractor tire chain; new & used 3 pt. snow blowers & walk behind snow blowers; Vanmar 3 pt. snow blower.

MISCELLANEOUS

Taylor 16 tooth trailer chisel plow; 4 NI 323 1R corn pickers, priced from $1995; 5 NI 324 & 325 2R wide or narrow row machine, with 12 row husking beds or sheller units. JD 312 w/mower; JD 2600 4-btm. spring reset plow, variable width; JD 8350 21 dbl. disc grain drill, like new, has small grain, fertilizer & grass seed compartment; Vicon 3 pt. hitch, power harrow, like new; NH 48' hay & grain elevator; New & used 3 pt. hitch snow blowers; Vermeer 30" tree spade, like new; Shaver 3 pt. post pounder; IHC 510 Grain Drill 13 double disc has grass seed & fertilizer like new, Shaver post pounder, 3 pt. hitch York rakes Servis 10 ft. 2 spindle trailer rotary mower, Bush Hog 5 & 6 ft. 3 pt. rotary mowers, Howard heavy duty 5 & 6 ft. 3 pt. roto-tillers, Small Davis backhoe for skid steer or 3 pt. mounting, IHC fast hitch carry all platform, Mott Hammer knife mower for Farmall Cub, 3 pt. hitch Mott Hammer knife mower, (3) Farmhand Corn Blurrs for high moisture corn, 20 misc. hydr. front end loaders for various models and make tractors - call for your needs, AC 100 HP D power unit with P.T.O. and clutch - choice of three. 12' Dump truck body; VanDale 14' silo unloader very good cond.; Steinhorst 400 gal. bulk milk tank; United Farm Tools- 1R corn picker, low acreage.

NEW EQUIPMENT

Full line of Kubota tractors, loaders, mowers and tillers, low interest on all models. Deutz-Allis lawn and garden tractors. Deutz-Allis farm tractors from 40 to 110 horse power in stock. Blades, loaders, backhoes, trailers and carts; NI 360, 362, & 364 spreaders. One NI cornpicker, 2 row narrow head w/12 roll husking bed or sheller; Uebler 810-E, 808-E, 790 Feed Carts.

MANURE EQUIPMENT

Hedlund Martin 1254 Spreader; NI Tandem Spreader; Hedlund Martin 1257 Scavenger Spreader; IHC 550 Spreader.
Spreaders: NH 329, 512, NI 12, 3 beater, NI 245, 375 bu. mtd. on Ford truck; NI 244 & 245 tandem manure spreaders w/hyd. tailgates.
Clay vacuum honey wagon; injectors available, like new.
Hedlund Martin Vanguard 2400 gal. tandem spreader.
2100 gal. liquid spreader w/knife injector.
NI Basin Pump.
New Hedlund Martin liquid manure pumps & tanks in stock for immediate delivery.
Patz 3000 gallon liquid tanker
Better Bilt 1500 gallon liquid tanker
Better Bilt PTO liquid manure pump
Used tank type spreaders, 4 used PTO and ground drive conventional spreaders
Better Built 8' Manure Pit Pump, very good cond.
New Hawk 170 tank spreader at dealer cost, only 1 available.

INDUSTRIAL

TRACTOR LOADER BACKHOES - AC 715-B; JD 310-A; AC 715D; **CRAWLER LOADER** - AC 655; AC H3 Crawler w/angle blade. **TRACTORS WITH LOADER, 3 PT. HITCH & PTO** - IHC 2444, MF 40, MF 2200. **SKID STEER LOADER** - NH 455, Kubota Dsl., low hours; Gehl 4500, like new, 300 hrs.; Bobcat 610 gas, Bobcat 611 Deutz diesel. **LOG SKIDDER** - (2) JD 440 series A; **FORKLIFTS** - JD 9300 backhoe. AC 940 2 yd. articulated payloader. 1 ton paving roller. 1977 Ford F700 truck with dump body, very good. 1969 Chevy Dump Truck. 2 axle - 6 ton Tag-A-Long trailer. ARPS 3 pt. backhoe for small tractor. Mechanics Special, IHC 3414, tractor loader backhoe, low priced. IHC 560 Forklift; Case 350-B Dozer; JD 350C dozer 6 way blade & winch; 1979 Louisville Ford low wheel base tandem & Cummins diesel; IHC F2010-A tandem long wheel base, needs engine work; 8' snow blower w/self contained engine.

Now the distributor for Asplundh Wood Chippers in NE Penna. Parts, Service & Machines in Stock.

THIS WEEK'S SPECIAL
Ford 5000 Diesel
8 Spd. Trans. Late Model As Received
$4,995

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MARSHALL MACHINERY, INC.
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WISCONSIN HEAVY DUTY ENGINE YEAR-END SALE

- V456D 65.9 HP $2900
- W2 1230 25 HP $1200
- AENL w/Clutch Reduction .. $995

WISCONSIN ROBIN

- W1-145 3.5 HP $125
- EY 183W 4.6 HP $185
- EY 25W 6.5 HP $210
- EY 27W 7.5 HP $250
- EY 27 W Electric Start $375

KAWASAKI ENGINES IN STOCK
45% - 50% OFF LIST

- Kohler K301 12 HP $485
- Kohler K321 Gas $350

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East Windsor St. & Krick Lane Hamburg, PA 19526

Phone Bus. 215-562-8377 Home 215-562-7451 or 215-562-5740

COMBINES W/GOOD SELECTION OF HEADS
We have 12 late model, very nice, local, one-owner combines.
1983 MF 860 Hydro V8 motor, fully eq., low hrs., looks like new, w/rear whl. drive w/1163 C.H. & 15' flex U2, reel, like new.
M.F. 1980 750 Gray Cab, Hydro, fully eq., 700 hrs.
JD 6620 Side Hill w/700 hrs., looks like new; JD 4420, low hrs., very nice; 1976 JD 7700, real nice.
JD 3300 Real nice w/2 heads.
JD 8820 fully eq. w/Turbo Hydro w/Reverse feeder house and chopper, very nice.
JD 6620 S.H., 800 Hrs., real nice, just out of field working. For $39,500; JD 6620 LL, 900 hrs., 1 owner, nice; (75) 6600 D. Rotary Screen good; 1977 JD 4400 D., C.A. w/23x26 tires.
IH (Used) 1460 Axial Flow - 800 Hrs., 863 C.H. & 15' grain for, $41,500; MF 550 D., C.A., low hrs.

Combine Specials: JD 6600 D w/Grain, Good , $8,500, 55 Sq B w/Cab - Good, 55 C S sq back w/cab; JD 6600 gas, needs motor work, (76) 915 Dsl , C A Turbo Hydro, IH 915 Dsl w/cab, Hydro w/4R C H , $7,850, IH 715 Gas w/Cab & 810 grain for $5,500; 205 w/Cab & 10' G H, 203 w/Grain & 227 C H $1950 00.
Gleaner L D corn & soybean Spl w/15' & 438 C H $8,950 00
('75) 510 D Hydro w/Cab, (69) 510 D w/cab & grain for $5,875, N.H. TR70 C A Hydro, Gleaner (76) FD w/C A -Nice; Nice, #90 Pull Type, Gleaner E 10' & 2 row CH $2,300 00
N I 702 & 705 Uni-Systems w/Full Eq , 767 Super Chopper, NI 727 Husking Beds, NI 737 Husking Beds; MF 300 w/Cab & Q T Heads, nice, JD 1210A grain cart
JD 6620 and 7720 w/low hrs & both w/4WD Available This Week

CORNHEADS: J.D. 843 LP, 643 LP, 443 & 444 LP, 343, 244, 243, (New) 443 - $9,100; 313 (45), 205 (40) 234, 435; Late Model 643 & 443, like new; JD 643; 1 JD 443; JD 454 row crop; 653A.
Just Traded: JD 643 & 444 heads; JD 444, low profile, real nice.
I.H. 863, 844, 843, 833, 744, 843, 227.
A.C. GL 440, C440, A438 Black, A630 Black, L2, L438, M430, F430, KF335, F330.
M.F. 1163, 1143, 63, 44, 33, 43, 24, 222, 422.
N.I. 738, 743, 730, 734, 725, 723, 762, 763; **White** 706N **(SOLD)**; **Ford** 4-30''; **Case** (404); NH 4 & 6 row.
GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 & (2) JD 216 Flex **(SOLD)**; JD 213 Rigid.
I.H. 810-13' Thru 16.5' w/Reg. or Floating; 2-New 820, 17½' Flex, $5,500 each.
M.F. 10'-16' Reg. or Floating Bar; **A.C.** E10', G15'.
N.I. 713 Flex Or Rigid.
Tractors & Equip. Just Traded:
JD 4040 C.A., Q.R., very nice; JD 3020 w/NI 319, 12 roll mounted picker, local trade; Case 1594, P. Shift, low hrs., like new; Farmall 450 gas, PS, WF; JD 230, 21' fold disk, Case 7' 3 pt. chisel plow w/gauge wheels; JD 1710, 10½' mulch tiller; JD 58 loader, excellent.
Late Model Brillion 10' transport seeder; Knowles 16' wing trans. harrow, used 4 acres.
Local Trade: Used JD 4450 C.A. w/490 hrs., like new; (76) Case 910 C.A.P.S. original.
Used JD 4240 C.A., Q.R., 1400 hrs.; Local owner, looks like new.
J.D. (New) 4450 C.A.P.S. w/FWD, $44,200; New JD 2950 w/R.G.; 4640 C.A.P.S., Duals - 800 Hrs., Real Nice; 4640 C.A.Q.R. w/dual wheels; 4440 C.A.P.S. - Real Nice; 4440 C.A.Q.R.; .4240 Q.R. $15,500; JD 2940 w/F.W.D. & 260 Loader, Low Hours; 1977 JD 4230 C.A., Q.R., sharp, 2200 hrs.; 2940 w/R.G.; 8630 4 WD C.A.Q.R., Full EQ. w/Duals; 8430 4 W.D. C.A.Q.R., Fresh Motor - Real Nice; 6030 C.A. Duals - Nice; 6030 C.A., Nice; 4630 C.A.P.S. w/F.W.D., Real Nice; JD 4630 C.A.P.S. w/new tires; JD 4430 C.A.Q.R.; 4230 C.A.Q.R.; 4230 P.S. **(SOLD)**; JD 4040 PS w/R.G.; JD 4030 w/creeper trans.; JD 4230 D w/RG Enclosure; 2940 w/R.G. & 38'' Tires; JD 2630 w/Hi-Lo; 1530 w/Hi-Lo; (70) 5020 - $5,900; 4620 w/Cab; JD (5) 4020's 1964-1972; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; 4020 w/58 Loader; 3020 D. S.C., W.F.E.; 2520 Dsl.; 2020 Gas; 3020 Gas, PS, original; JD 4520 R.G. & cooler w/30.5x32 tires; JD 2840, real good **(SOLD)**; 4010 D w/new clutch; 4010 D. $4,500; 4010 Gas; 730 Gas w/3 Pt.; 630 Gas; 720 D. P.S. w/3 pt; 620 P.S.; 620 L.P.; JD 3010 Gas, real nice; JD 2020 Gas w/L; JD 4010 D., good; JD 2010 Gas, WF w/Hyd. JD Loader.
I.H. (New) 5088 Full Eq. C.A., never used. Sale Price, $33,450; 5488 Full EQ., Radial Duals - Like New; 786, one owner, original; 3288 C.A. West Int., radial tires, looks new; 1086 C.A. w/Dual Whls., original; 1586 C.A. Nice; 1586 w/R.G.; 886 w/Cab 18x38 Tires, 700 Hrs. Like New; 886 w/R.G.; 3588, 2+2 w/Dual PTO, 1300 hrs., real nice; 6588, 2+2, fully eq. **(SOLD)**; 76- 1066 C.A.; Farmall 1066 C.A., original; Hydro 84, Hydro 70; 784 - 1,000 Hrs., Real Nice; 1568 C.A. - 1,000 Hrs., Real Nice; 1566 w/Cab; 1466 w/Cab; 1066 Hydro - Original; 966 Original; 766D.; 464 utility w/2250 loader; 666 D., WF, original; 674 D.; 574 D. w/Loader; 656 Gas; 806 D - $4,750; 464 Utility, Gas, PS; 1256 w/Cab, Nice; 756 D. W.F.E. & F.H.; 756 G Hi-Clear; 656 Gas - W.F.E. - Original; 656 Gas & Diesel; 656 D. Hi-Clear; 826 D. Hydro; 1206, Nice; 806 D w/3 pt., new paint for $4,475; 706 D. - W.F.E. - 3 pt - $5,000; 706 W.F.E. - 3 pt. Gas **(SOLD)**; 706 Gas T/A, W.F.E.; F.H.; 606 Gas w/3000L; 606 Gas w/L. - $4,250; Super M; 230 w/F.H.; IH 240 Utility; 560D.
Local Trade: AC 4W, 305, 4WD, 400 HP, fully eq. w/20x38 Rad. duals, used 120 hrs., like new.
New AC 8050 C.A., P.S., rad. tires, fully eq.; Used AC 8010 C.A., P.S. w/F.W.D.; used AC 6080 w/R.G.
A.C. New AC 6080; AC 7045 C.A.P.S.; (Used) 7045 C.A. - 20 Spd. - Real Nice; 7040 C.A.P.S., Like New; 6080 w/R.G. - Nice **(SOLD)**; 210 - New 20.8-38 Tires; 180 D. - W.F.E.; Good; AC 200 D original; D17 Series 4 - w/3 pt.; AC 220, real nice; XT190D. w/3 pt..
CASE (Used) 1690 C.A.P.S., 200 hrs.; Case 2590 C.A.P.S. - 925 Hrs. - Like New; 1370 C.A.P.S. Factory Duals - Full Wts.; 380 D. w/R.G.; Case 2390 C.A., P.S.; 1070 - P.S. $5,850; 930 C.K. w/3 pt.; Case 885 D. w/L.
M.F. 2675 w/R.G. w/1,000 Hrs.; 1155 C.A.M.P. - $8,500; 1135 C.A.M.P.; New 698 C.A., 4WD; MF 275, 265 **(SOLD)**.
Ford TW 35, used 150 hrs., local trade, like new.
Ford 9700 C.A., real nice.
FORD 9600 w/Cab, $7,800; TW-20 w/220 Hrs. - Damaged; Ford 641 w/Hyd. Loader; '52 Ford 8N; Ford 4000 SU w/PS; Ford 3000 w/PS.
OLIVER 1855 w/20.8-38 tires; 1950 T w/Cab - $5,975; 1650 D., WF w/3SP; 1550 gas.
WHITE 4-210, 4WD w/duals, 3 pt fully eq., 1600 hrs., real nice; (New) 2-65 w/F.W.D. & (New) 1730 Loader - List $29,000 Sale - $19,900; 2-135 C.A.; 2-85 w/R.G., canopy & 18x38 tires.
MISC. Long 445 D. w/4WD, Loader, good.
Tractors Coming In:
AC 6080 w/FWD; New MF 698 C.A. & FWD; Used MF 275, 1080, 1085.
(Several farm stocks purchased recently) IH 3288 w/C.A. w/670 hrs.; 1086 cab & air; JD 4440 w/P. Shift & R.G.; Case 2590 CA, PS; Case 2090 CA, PS, 970 fender, original; JD 4230 CA, QR; 4320 real nice; J.D. 2940; 4020 SC; 3020 D.; JD 4520 w/Factory Cab; JD 2840, 1 owner; Farmall 76-1566 CA, duals; Int. 464 Utility, Gas; Ford County Super 6, 4WD, w/3 pt.; JD 2010 G.; Farmall Super A w/Cult., Plow & Sickle Mower; Owatonna 1700 Skid Loader; NH 38 flail chopper, real nice; NH 36 flail chopper; Brillion transport wing harrow.
JD 4630 S.R. Cab & Air; JD 40 w/3 pt.; Case 310 Crawler Loader; Dunham Lehr 8R hydraulic fold S tine cultivator.
TILLAGE EQ.: IH 800, 9x, auto reset, flex plow; Bush Hog 20' Hyd. Fold Disk.
AC 28' Hyd. Fold Disk; Ford 236, 9' Heavy Disk, like new; Glenco SS18 Fold Soil Saver; Field Queen Side Dump Wagon; Farmhand 880 Big Tub Grinder; JD Planters 6R Cons. w/Dry Fert.; 6R Cons./Liq. Fert.; JD 7000, 4R.
CORNPICKERS: (Used) 325-2RN w/8 or 12 Roll Husker, Shellers & Super Shellers; (Used) 324-2 RW w/ 8 or 12 Roll Huskers; Shellers & Super Shellers; 323 - Like New For $3,550 **(SOLD)**.
New N.I. 329 Super Sheller List $6700.00, Special $3,550.
N.I. 330 - 3 RN w/Supershellers; 325 2RN w/Grinder.
JD 3020 w/NI 319 mtd. 12 roll picker, very nice; JD 237 mtd. picker.
PICKER: NI 323, 1R, $1,950; NI 311, 2R picker priced right.
Just Traded: NI 325 w/12 roll bed.
Ford Blue, 1R side mtd. picker, real nice.

FLAIL CHOPPERS: NH Used 38; **N.I.** 4R Stalk Chopper.
FORAGE WAGONS: 2 JD 716A w/roof & JD 1275 tandem gear w/heavy tubes & tires, new in '85, like new, $7,950; **N.H.** #8 w/roof, like new; New Pequea hay tedder, $1,285
HAY EQ.: BALERS: J.D. 336W w/Thrower - Real Nice; 346T w/Thrower; NH 310 w/Thrower; NH 320 w/70 Thrower; NH 420's, real nice; 280 W w/Motor; NH 275 & 273T w/Thrower; **N.I.** 456 Round Baler; N.H 851 Rd. Baler
RAKES: Used NH 256 for $1,450; NH 260 & 258 w/dual hitch setup.
N.I. (New) 406 w/Dolly Wheel - $2,275
J.D. 660 w/Dolly Wheel; New Deutz Fahr 17' Hay Tedder, $2,500; Used Grim 17' Hay tedder.
HAYBINES: N.H. 1495 S/P Hydro C.A D - 1,100 Hrs.; (Used) 489, 488 Nice; (2) 479; 472 7' (Nice) like new; (82) NH 489, real nice; NH 477, 7' for $2,350.
(Used) M.C. 7E; N.H. 1034 Stack Wagon.
FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 737 Direct Cut For 717; 890 EN-2RN Snapper Head; 770-1R Snapper Head; 1, 2, & 3R Silage Head; NH 822, 2R for 770 or 890.
J.D. 8' Direct-Cut Head; 1, 2 & 3R Snapper Heads; 2 & 3 R Silage Heads, New & Used 5½' Hay Pickups; 7' Hay Pickups; 4-R Stalker Head - Real Nice; JD 243 C.H. w/adapter plate; 3 JD C.H. harvester adapter plates.
I.H. 2 R.N. Silage For 550-650.
FOX 2 CSB 2RW - Snapper Head; 263-2 RW; 215-109 Hay Pickup; 476 - 7' Hay Pickup.
GEHL HA 400 Pickup.
PLANTERS: (Used) 7000-6R Cons. Liquid w/No Till; 7000-4R Dry & Liquid; IH 800 Cyclo 8R 30'' w/liquid Fert., insect, & monitor; JD 4R Cons. w/Dry Fert. & Insect.; JD 7000, 8R w/Fert. & Insect; JD 7000, 6R plate w/dry fert., $3,900; JD 1240 plateless, nice.
I.H. 800 Cyclo - 6R w/Dry Fert.; Ins. & Monitor.
WHITE 5100 - 6R Drl. w/Cult.
DRILLS: JD 8300 (Like New) D.D. 100 Acres; 21x7 D.D. w/Soybean Att; IH 510-16x7 S.D. w/Fert & Grass Seed.
New JD 28' Hyd. Fold Rotary Hoe Under Dealer Cost.
GRINDERS/MIXERS: Brady 1050 Hydro. Gr. Mixer; JD 400.
IH 1150, nice.
BLOWERS: NH 27; JD 6500, nice.
TILLAGE EQ.: PLOWS JD 2 & 3x #845 Rollover; **I.H.** 5x16 Semi-Mount w/Spring Reset; **OLIVER** 546 - 5x16 Spring Reset; **I.H.** 720- 6x20 sp. reset; I.H. 700 - 6x16 Spring Reset; **WHITE** 549-7x sp. reset; **WHITE** 549 6x18 Spring Reset On-Land; J.D. 7x; M.F. 6x on lanc hitch; (2) JD 4x16.
JD 2500, 6x18 sp. reset.; JD 8450-4B Rollover Plow.
CHISEL PLOWS: JD 14' w/Gauge Wheels; Brillion 12' w/gauge wheels & harrow; Brillion 8' & 9'; (New) D.M.I. 12'; I H. 55-12'; Brady 1000-14' **DISCS:** Miller 10' Offset; Hutch Master 9' Offset Disk; JD 310, 13'; JD BWA, 12; I.H. 480 - 20'; **A.C.** 25' Hyd. Fold; JD 230, 20' hyd. fold; JD 215, nice.
MULCH TILLERS: Glencoe SS13 Hyd. Fold Soil Saver; J.D. 1710 - 11'; Krause 2800 - 14'.
CULTIMULCHERS: New Dunham Lehr 13' at dealers cost, JD 3 pt., 12' Mulcher
PACKERS: (New) Brillion - 12'; (Used) Brillion 10, 12 ft
CULTIVATORS: J.D. RM 3 pt. 6R rear, JD 4 row 3 pt. rear; Case 6 to 8R 3 pt. hyd. fold cult.; Littleston 4R field cult. **J.D.** 1000-25' - Hyd. Fold.
MISC: I.H. #2 & 7 Shank V-Rippers; Glencoe Soil-Finisher 12'9'' - Like New; Howard 13' Rotavator; Bush Hog 7-Shank V-Ripper $1,650.
INDUSTRIAL: CRAWLER LOADERS: JD 450B loader; A.C. H-3 w/6 Way Blade; A.C. 500-21' Forklift; J.D. 840 Self Loading Scraper; Bobcat 722 Skid Loaders.
AC 715B L & B.; Clecteac crawler w/blade; Long 1199A, 3 pt. Backhoe, w/hyd. pump.
LOADERS & BLADES: J.D. 48, 58, 148, 158, 36; **IH** 2350 2355 (New); Used 2000 **(SOLD)**, 2001 New Great Bend 700; NI Loader; MF 246 Loader; I.H. 8' Blade Fits 400-560; (New) J.D. & I.H. Buckets; New Leon Heavy Front Blade for 4WD; Caldwell 7 & 8', 3 pt. blades; NI 4R shredders; Brady 4R shredder; JD 400, 15' rotary hoes.
LAWN & GARDEN: IH Cub 154, Cadet 682; JD 950 dsl., real nice.
J.D. 318 w/3 pt., used 110 hrs.; JD 400 w/loader; AC 620 w/Mower.
J.D. 400, 318 **(SOLD)**, 314, 317, 300, 214, 212.
Trailer load of (New) Killbros Bins & Running Gears; Artsway 800B w/Elect. Scales - Like New, $5,850; Feedwagon; Bestland Rock Picker; Ford 3 Pt. 7' Sickle Mower; J.D. 350 Sickle Mower; (New) Sidewinder 213-13' Rotary Cutter; (New) McKee Snow-Blower Front-Mount; Tandem axle fert. spreader; NI sq. axle fert. spreader; JD Quick-Couplers; Sets Of Press Wheels For J.D. Drills; (2) New Sets J.D. 38'' Cast Whls. & Rim For 4640; I.H. Flat Top Fenders For 706-1466; CABS For Tractors - J.D., I.H. 66 Series; (New) Full Vision Cabs For M.F. 165 Thru 1135; J.D. & I.H. Front & Rear Wts.
Coming In: 30 ton new IH front & rear weights.
J D. & I.H. Roll-Guards; Fast Hitch for 560 & 450; JD belly mowers for JD 850 & 950 etc.
Heavy Front JD blade for 3020 & 4020, etc.; 30 sets of Dual Wheels
STRAW CHOPPERS: For **J.D.** 4400, 6600, 6620, 7700; **M.F.** 510, 760.
TRUCKS: I.H. Scout 4x4; DELTA 44' Combine Trailer; 1979 Polar AM 42' 6200 gal. milk trailer.
MECHANICS SPECIALS: TRACTORS: J.D. 4230 P.S. - Trans; 4020 Tri; 4320 w/Cab
I.H. 1256 - Motorwork, $3,950.
CASE 1410 - Motor.
WHITE 4-150 4 whl., needs motor work, $4,950
OLIVER 1855, needs motor, $2,850; Oliver 1800 motor work, $1,950, ACXT190, clutch, $3,950; MF 1135 w/R.G., $6,950, JD 4520 w/Cab, $6,950; Farmall 1586 w/fire damage cab.

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Planter, 6 row narrow, double frame, no till coulters, dry fertilizer, granular insecticides

List	$17,348
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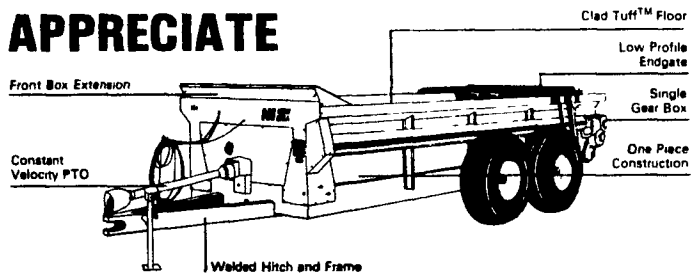

Model 360 150 Bu.	$3,247
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Model 363 320 Bu. w/Front Ext., Hyd. Gate w/2 Cyls., Upper Beater, Regrooved Tires	$7,400
Model 364 390 Bu. w/Front Ext., Hyd. Gate w/2 Cyls., Upper Beater, Regrooved Tires	$8,475

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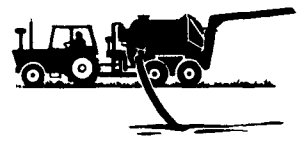
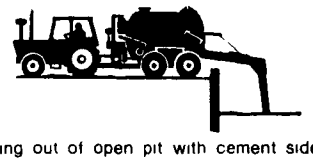
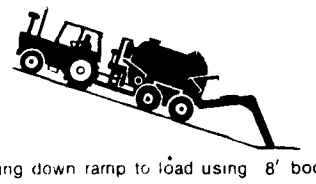
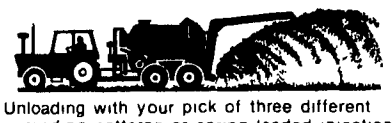
Loading out of pit with ground bank


Using 6" side valve and hose for pumping out open pits or under building


Loading out of open pit with cement sides

Using top hydraulic manhole for loading with pump (optional)


Backing down ramp to load using 8' boom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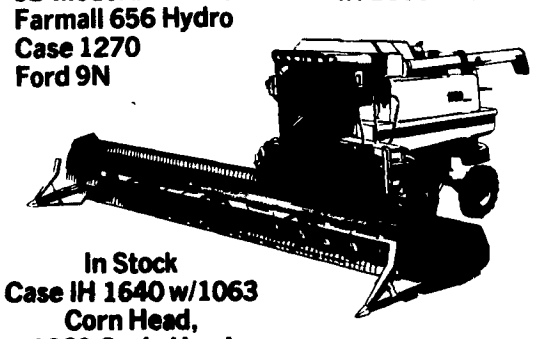
USED TRACTORS

MM G-900
JD A w/cultivator
JD Model B w/Cultivators
Farmall 656 Hydro
Case 1270
Ford 9N
IH 444, Gas
IH 684, Nice
IH 1066 w/Cab



In Stock
Case IH 1640 w/1063 Corn Head,
1020 Grain Head

USED EQUIPMENT

Int. 710 5 F Auto. Reset Plow
Int. 720 6F Plow
Int. #56 Blower
Int. 440 Baler w/Thrower
900 Badger Blower
IH 510 16x7 Comb. Grain Drill
13' 3 Pt. Chisel Plow
JD 214 Forage Box

NEW GEHL EQUIPMENT

960 Forage Box w/roof
1540 Forage Blower

USED COMBINES

Int. 1440 Combine
Int. 715 Diesel w/4 row narrow head, nice
MF 750 w/grain head
Int. 715, late model

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TRACTORS

1981 JD 4440 Power shift, fact. cab & air
1979 JD 4240, fact. cab & air Quad range
1982 4040, Powershift fact. cab & air, radials, 1200 hrs., 1 owner, very nice.
1986 JD 2950, fact. cab & air, 400 hrs., one owner
JD 4430, fact. cab & air, powershift
JD 4430, quad, fact cab & air
JD 4230, cab SOLD, 1976 model, nice
JD 4020 dsl., w/500 hrs. on major overhaul, year round cab, dual hyd, diff-lock, WF, very nice
JD 4010, gas, WF
JD 2750 Fender tractor, like new
JD 2640, very nice
JD 3020 Dsl., side console, WF, syncro.
JD 1530 Dsl. w/recent engine overhaul
JD 950 Dsl. w/loader
JD 720 Dsl., rebuilt engine & pony motor
IH 5088, 700 hrs., Western Interior, very nice
IH 1486, 1981 model, 3 outlets, Western int., dual PTO, all of the late features, very nice
IH 1486, fact. cab & air, red interior, 20.8x38 radials, dual PTO & 3 outlets
IH 986, 1981 model, fact. cab & air, all the late features, low hrs., nice.
IH 986 Fact. Cab & Air 38" Rubber
IH 886, 1980 Model, Fact. Cab & Air
IH 886 Cab & Air, Fully Equipped, Sharp Low Hr. Tractor
IH 1066, fact. red cab & air
IH 1066 w/100 hrs. on Major Overhaul, sharp
IH 1456, 20,8x38, dual PTO & hyd., nice
IH 1206 w/dual hyds. & PTO's
IH 856 Dsl. WF, fender tract.
IH 856 Dsl., 3 pt., WF, year round cab w/air.
IH 826 Dsl., 3 pt., nice.
IH 806 Diesel, 3 pt. WF
IH 766, WF, 3 pt. with cab.
IH 766, WF, 3 pt. fender tractor.
IH 756 dsl. w/cab & 3 pt. WF
IH 756 Dsl. 3 pt. WF, very nice
IH 784 w/TA & H pattern shift, 1983 model, 790 hrs.
IH 574 Gas, 951 hrs. w/quick tach loader
IH 656 Dsl., hydro, 3 pt., NF
IH 656 gas, hydro WF, 3 pt., sharp
IH 460 gas utility w/rebuilt engine
Farmall 450 gas w/fast hitch, 375 hrs., on complete engine overhaul, very nice
Farmall H, live hyd., nice.
Ford 5000 Gas, very nice
AC 180 Gas, WF
MF 175 Dsl. w/multi-power

HARVESTING EQUIPMENT

IH 715, Cab & Air, Gas, Hydro, 800 Series, Throat, w/810 grain head & IH 843 corn head, very nice unit
K Gleaner w/3RN & 10' grain head, nice
NI 709, cab, air, hydro, sharp
NI 707 Perkins Dsl. cab & air, variable speed.
Late NI 702 w/737 husking bed, choice of heads
NI 701 Inline 6 cyl., gas, variable speed, cab
NI 710 Combine w/711 Grain Head
NI 325, 2RN, 12 roll bed, nice
NI 325 2RN, 8 roll husking bed
NI 323 Picker, good
NI 716S Grain Head
NI 767 Super Chopper, nice
NI 740 & 741 Quick Tach Throats
NI 768 W&N, 763 Chopper head
NI 3 & 4RN Hds.
NI 2, 3, & 4RW hds.
NI 769 Flail-mate for Uni Chopper
MF 44, low profile, 4RW
MF 13 grain head
IH 810 13' grain head
IH 843 4RN corn head

IMPLEMENTS

White model 425 chisel 10-tooth, heavy duty, high clearance w/Buster bar, 1 yr. old, 100 acres total.
IH 710, 4x18" Auto Reset
IH 700 4x16" auto. reset
IH 6000 Conservation til chisel, 13-tooth
3 pt 10 tooth chisel, high clearance
IH 10' 770 offset disc
Kawanee 10' Cultimulcher
JD 110 Disc, 14'
JD AW Disc, 14'
JD RWA Disc, 12'
IH 500 12' plowing disc
IH 480 Wing Fold, 21'
IH 37 10' Disc, nice

MISCELLANEOUS

JD 7000 conservation planter, 4R dry fert, 400 acres total, very nice.
IH 2001 Loader
Dual wheels - 34's and 38's
3 Cabs to fit 06 series thru 66 series IH tractors
Tractor Weights JD & IH
JD Adapter for High Moisture Ear Corn for JD Chopper

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COMBINES

NH TR 85 w/Cat diesel, air, radio, flex grain & corn head, 893 hrs., $16,500.
JD 3300 gas, grain & corn head
1981 IH 1440 axle flow w/1529 hrs. 28x26 tires, corn & 14' grain head, real nice.
1984 Gleaner F2 w/950 hrs. 23x26 tires, 4RW of 4RN, 13' flex, real nice.
1976 Gleaner L w/big rubber, 6R 30", 4R 38", 13' grain or 16' grain A-1 always kept in, $18,500
1977 JD 6600 side hill w/6R 30" & 14' grain
Massey 300 w/grain & corn head
AC Gleaner E w/10' grain, one owner.
1983 Gleaner F2 diesel w/black 4 row corn & black 13' flex grain head, 1,251 hrs., cab, air & radio
1977 MF 510 diesel, quick tach w/13' grain & 4 row 30" corn, cab & air & grain saver
1979 MF 550 dsl, hydro, 13' grain & corn, $12,000
1976 Gleaner FKS dsl. 13' black grain & corn head, real nice, $12,000
Gleaner F gas w/grain & corn, $6,000
MF 510 dsl, quick tach w/grain & 4 or 6R corn
Massey 82 w/grain & 2R corn, $1200
Massey 72 w/grain, $1200
MF 760 6 cyl. turbo w/grain & 6R 30" corn, $14,500
Massey 410 dsl. quick tach, cab & air, $4,000
2 C-2 Gleaners w/4RW for 4RN & grain head
Gleaner G, gas w/4R & grain head, $5,000
IH 403 w/4R & grain head $3000.
JD 6600 diesel, hydro, rotar screen SOLD
JD 4400 diesel w/rigid grain head, $7,500.
IH 915 diesel, turbo, hydro w/grain & 4 or 6R head, $13,000.
IH 403 hydro w/4R 30" & grain, $5500
MF 510 diesel quick tach w/grain, $5500.
Gleaner E3, grain & 2R, new motor, $5500.

Your Choice $2500 Each

3 Case 600, 10' Grain & 2R Corn
2 IH 105 w/10' Grain & 2R Corn
2 JD 45 w/10' Grain & 2R
JD 55 w/12' Grain & 2R

HAYBINES & RAKES

IH 990 9', $1375
NI Rotobar Rake, $850
3 JD Rotobar Rakes, $450 to $675.
Gehl 9', $875
IH Wheel Rake, $625
NH 489 $3500
NH 474, 7', $3750
NH 256 Rake, $1250
IH Rake w/front dolley wheel, $785.
NH 477, 7', $2150

CORN HEADS

NI 3R 30"
MF 300 3R 30"
IH 503 6R 30"
IH 205 or 315 3R 30"
IH 815 4R 38"
MF 300 2R 38"
IH 203, 205 & 315 2R 38"
IH 403 4R 30" & 4R 38"
2, 3, 4, and 6 Rows

ROTARY MOWERS

3 pt. 6,7 & 8'
Also pull types

WIDE FRONT ENDS

AC C
IH 340
Massey 101, 30 & 33
AC D17 WD 45
AC D19 WD
Farmall C or Super C, 200 & 230
Ford 6000 WFE

TRACTORS ALL WITH LOADERS

Farmall Super C $1,675.
Farmall M w/PS $1,850.

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NI 2R 38" Pull Type
NI 701 or 702 husking unit w/2 or 3R corn head
NI late 323 1R
NI 324 2R 38" w/super sheller, used 1 yr. like new, $3000
Oliver 73 2R 38" pull type $750
IH 1PR pull type $975
NI #7 1R pull type $700.

MISC.

2 Gravity Wagons
IH fast hitch balanced head mower
Sickle bar mowers, 3 pt. semi & trailer types.
IH Loaders to fit C, Super C, 200, 230, H, M, 300 350 & 300 & 350 utilities
Ferg. loader w/hyd. bucket & front pump $650

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Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert. Spreaders
Cement Mixers

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8, 10, 11, 12, 13, 14 & 15'

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NI 213 PTO's

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Farmall H, $875
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AC D-19 Dsl. w/WF, as is.
AC C w/Woods belly mower $1500
IH 340 w/PS, fast hitch
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Farmall C, real nice, $950
Ford 3000 Diesel, $4000
Farmall Super C w/hyd. & pulley $975
Massey 1080 D, $5200
IH 340 w/fast hitch
Ford 6000 Diesel $2475
Massey Pony Pacer w/1R cult. & 1 btm. plow $1250
Farmall 560 Diesel $2850
AC D17 Diesel snap coupler

PLOWS

(15) From 2-7 Bottom

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NH self propelled w/2R & pickup head
IH 830 3R corn & p.u. head
IH #8 flail chopper
AC 720 2RN & pickup $750
JD 34 1R & pickup $875

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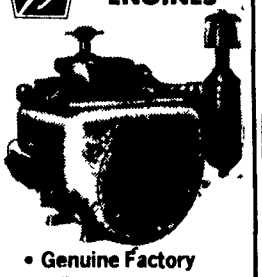

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NH #8 Forage Wagon w/234 Running Gear, $5,000
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JD 8250 Grain Drill, 14x7, $4,100
JD 235 Disk Harrow, 17'1"
JD 215 Disk Harrow, 12
JD 2950, 2WD Tractor
JD 4250, 2WD Tractor
NH L250 Skid Steer Loader
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IH 1026D, Hydro, 112 HP w/Loader $7,000
IH 2424 Tractor w/Loader, $3,800
JD 1020 Tractor, Gas w/47 JD Loader, $5,200
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Kubota L245 Tractor, 2 WD w/Loader, $4,500
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362 Spreader
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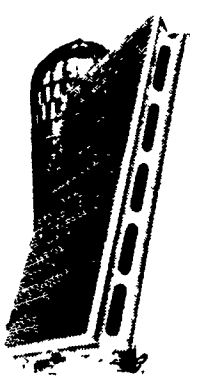

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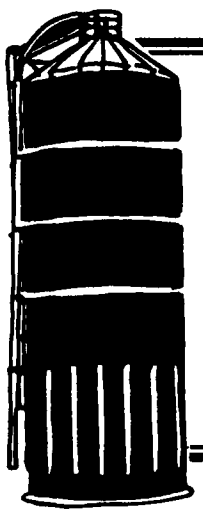

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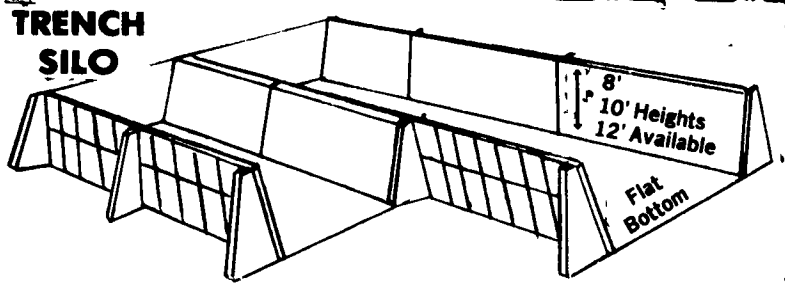

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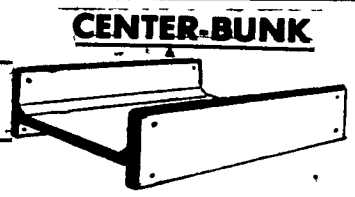

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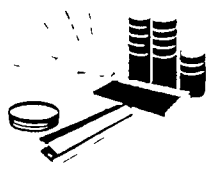

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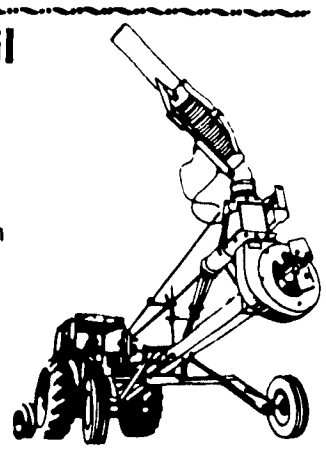

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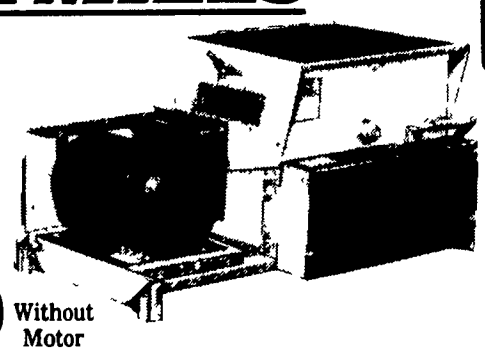

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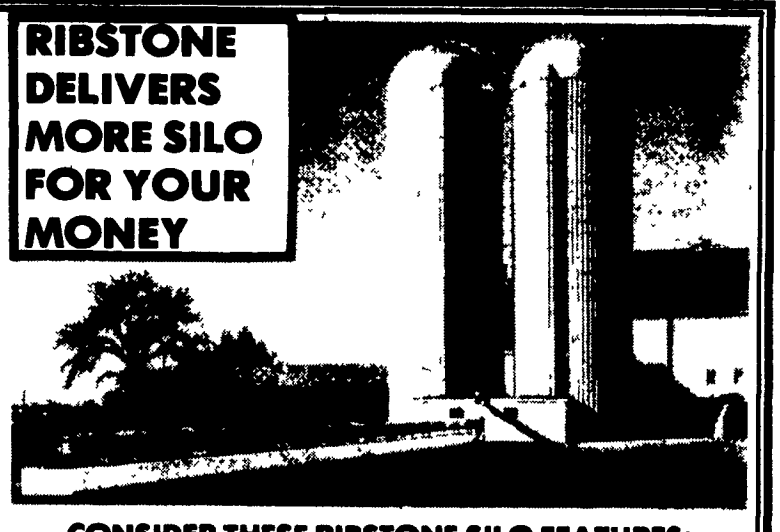

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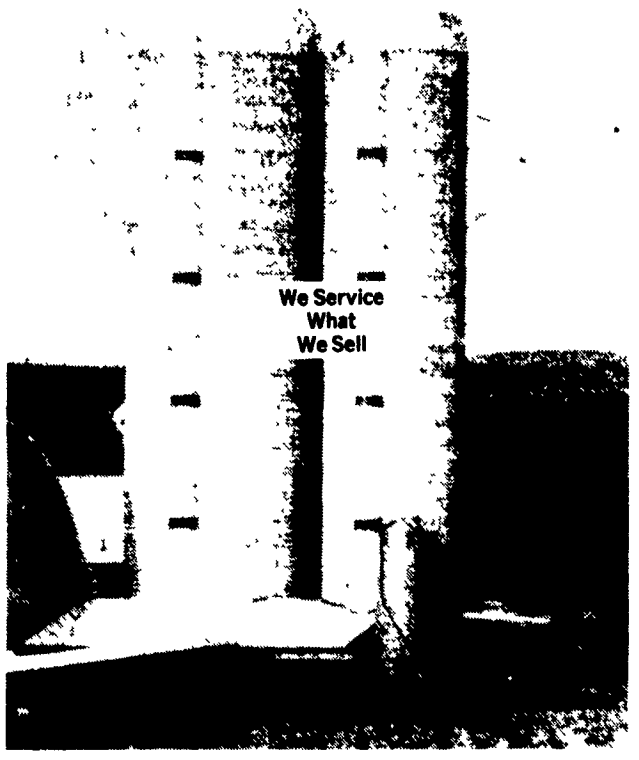

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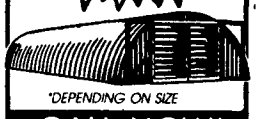

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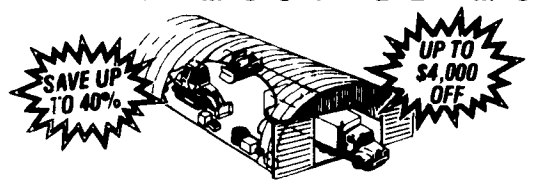

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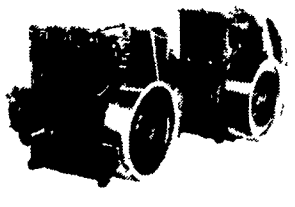

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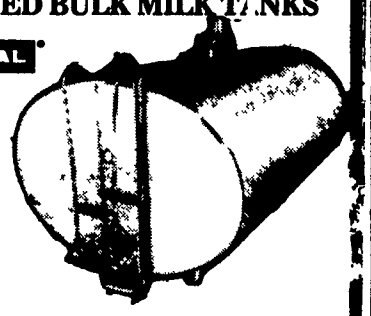

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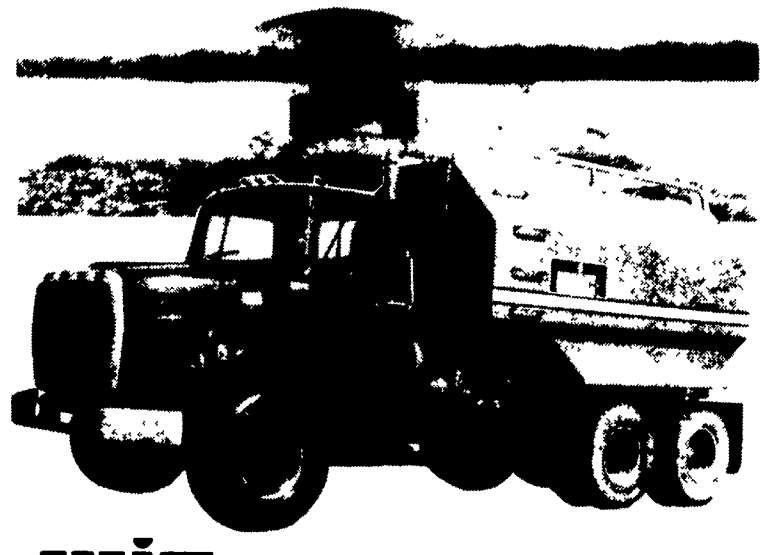

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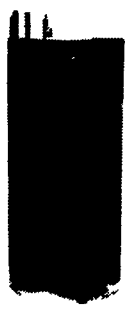

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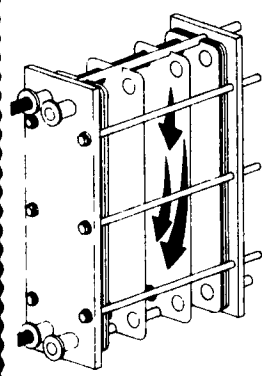

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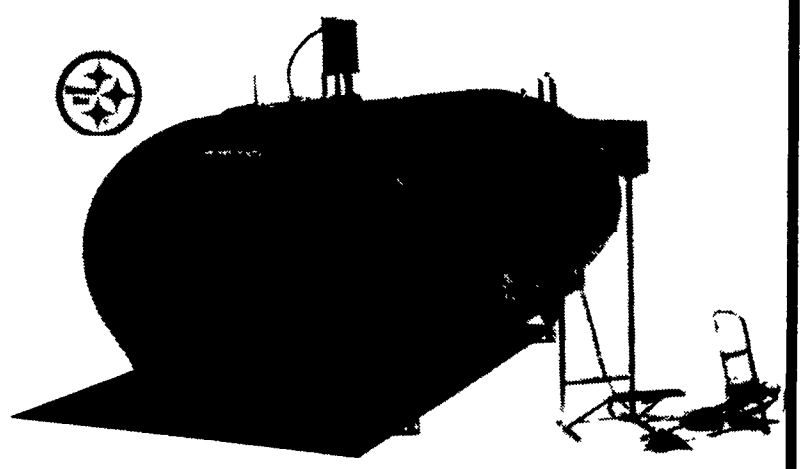

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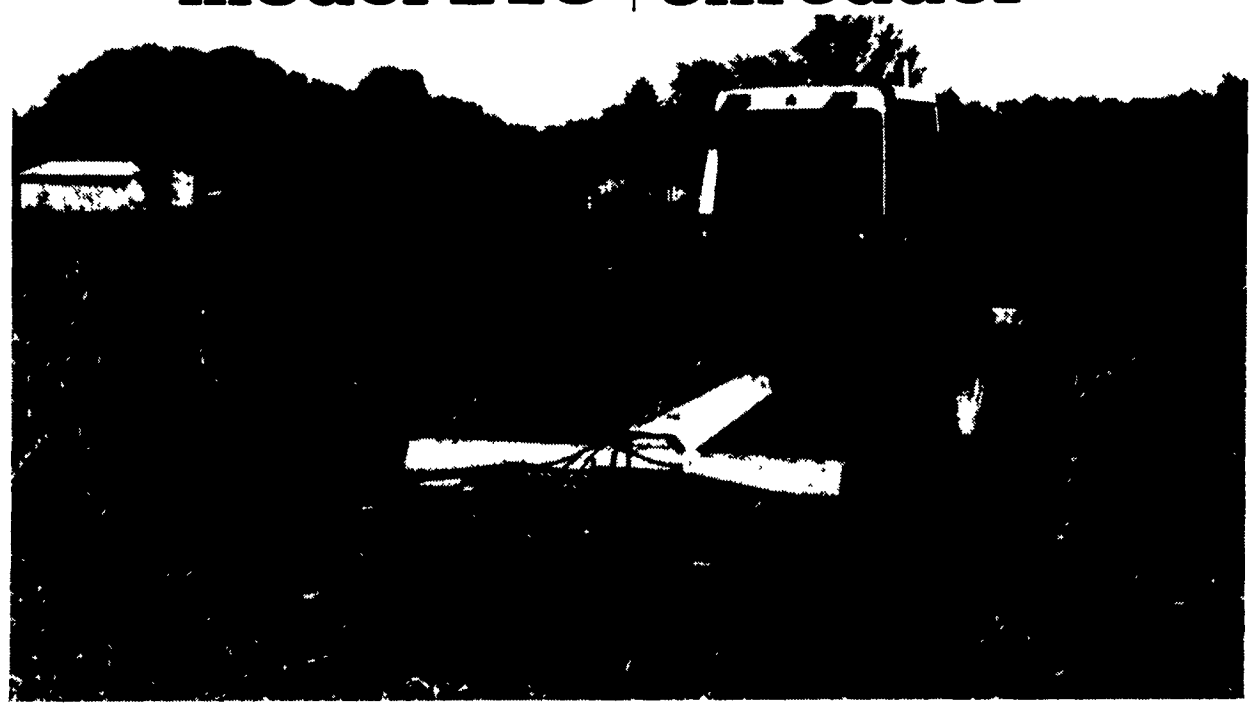

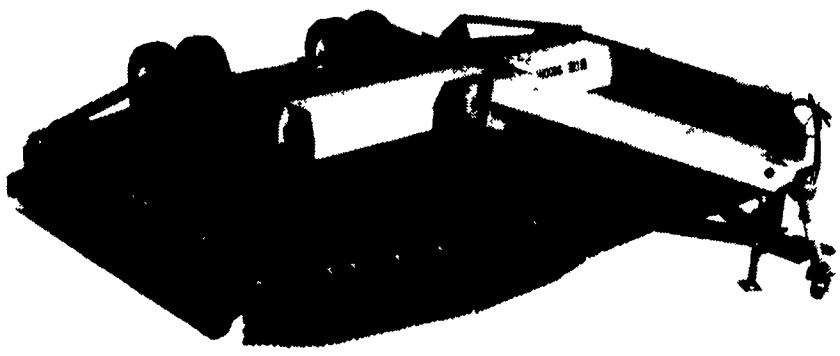

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Levi S. Beiler

Levi S. Beiler, of Paradise, Pa., is very satisfied with his Protek program. He started with ear corn and Protek in November of 1984 but kept the same roughage program which consists of hay and corn silage. "I've always had confidence in Master Mix, and when Charlie Lichty, my salesman, suggested I try Protek, I was willing to feed it" Levi claims. Since being on Protek, Levi's Rolling Herd Average has increased 1250 lbs. of milk and 45 lbs. of fat.
Levi attributes much of his success to the 1890 High Energy top-dress pellet. "The pellets are making my peaks higher and the cows are holding production longer. The cows really take to the 1890's" Levi says.

Testimonial of Aynestead Farms

Phil and Wayne Pierson, of Aynestead Farms in Clayton, Delaware, are very pleased with the performance of their herd after switching from a 20% pellet to Master Mix's Protek 1790's. Here's what they have to say about Protek:

"Our roughage program stayed the same and the pounds of pellets we fed stayed the same. The only thing we did different was to lower the protein of our pellet from a 20% to a Protek 17%, and the milk came up."

"In December of 1984, Gene Garrett, the salesman from Spencer's Milling Service in Clayton, Delaware, suggested we try Protek 1790's from Master Mix. Our Rolling Herd Average was 17,932 lbs. After being on Protek for only 18 months, our herd average is up to 20,060 lbs."

Aynestead Farms was high herd in milk for the state of Delaware in 1985.

Eli and Jacob Blank

Eli and Jacob Blank, of Gap, Pa., switched their 40 head of Holsteins from a cob chop and 38% mix to a cob chop and Protek mix in November of 1984. Their roughage program of hay and corn silage remained the same. Here are their comments on the Protek program: "We were looking for a better feeding program that would give us good results and yet be less costly than what we were currently on. When Protek was introduced, we went on it right away and have seen excellent results. We got an increase in milk and butterfat held its own. The cow's peaks generally remained the same, but they hold their production longer while maintaining good condition and health. We feel the 1890 High Energy top-dress pellets are the contributing factor to this. Our Rolling Herd Average has gone from 17,239 lbs. to milk and 622 lbs. of fat in November of 1984, to 18,191 lbs. of milk and 635 lbs. of fat currently. Since being on the Protek program, we have seen better herd health and reproduction. Our calving interval went from 12.7 months with 2 services to 12 months and 1.4 services. We have been on Protek for over a year. We like it and plan on feeding it for a long time."

Master Mix CENTRAL SOYA

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Carl and Wayne Stafford

Carl and Wayne Stafford, of North East, Md., say the following about their Protek program: "We began with Protek in February of 1985 with a Rolling Herd Average of 14,763 lbs. of milk and 539 lbs. of fat. We are now up to 17,196 lbs. of milk and 605 lbs. of fat. On the Protek program we greatly reduced the protein in our grain mix and the feed cost really came down. Before going to Protek, we were adding several pacs to our feed to try and boost production. Now, on Protek, we aren't adding any pacs and we are very pleased with the milk increase." Carl and Wayne milk 80 Holsteins. They feed 1890 High Energy pellets in the parlor, hay, haylage and corn silage. A Protek concentrate and grain mix is then fed to the cows through their computer feeder. The Staffords get their feed from Master Mix dealer Hilaman Milling, Inc.

Jim and Daryl Bowman

Jim and Daryl Bowman of Ronks, Pa., started feeding a 12½% ear corn and Protek feed in November of 1984. "Our roughage program of baled hay, haylage and corn silage remained more constant than when we were on an ear corn and 38% mix. For example we had a cow peak at 125 lbs. in July!" Jim exclaimed. "Our feed cost is the same and our Rolling Herd Average has gone from 17,008 lbs. of milk with 637 lbs. of fat to 18,345 lbs. of milk with 660 lbs. of fat. We're looking for 19,000 lbs. of milk this fall" Jim stated.

Ivan and Dave Bowman

Ivan and Dave Bowman, of Ronks, Pa., switched from a 38% to Protek in December of 1984. They comment: "Milk production is up, but our feed cost is less than when we were on the 38%. Our roughage program is the same, which is hay, haylage, and corn silage. Our pounds of feed are the same. But since being on a 12% Protek feed, our Rolling Herd Average has gone from 15,949 lbs. of milk and 559 lbs. of fat to 17,288 lbs. of milk and 629 lbs. of fat. The 1890 High Energy pellets really help the cows to hold their peak and keep them in excellent condition."

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York 4-H'ers Place 3rd In National Livestock Judging

YORK — The York County 4-H Livestock Team represented Pennsylvania in the National 4-H Livestock Contest in Louisville, Ky. at the North American Livestock Exposition, Nov. 16-20.

The team placed third in the contest with 34 other state teams. The team had 2017 points out of 2250 points. Illinois won the contest with 2063 and Iowa was second with 2032.

Tim Ferrence, son of Mr. & Mrs. Tom Ferrence, Spring Grove, was 10th in the overall contest with 134 contestants, with a score of 678 out of 750 points. Krista Rankin, daughter of Mr. & Mrs. William Rankin, Abbottstown, was 22 with a score of 666.

The team was third in Oral Reasons with a score of 626. Krista Rankin was 10th in Oral Reasons with a score of 215 out of a possible 250 points and Tim Ferrence was 16th with a score of 206. John Eaton, Jr., son of Mr. & Mrs. John Eaton Sr., Windsor, was 20th, and Melissa Trostle, daughter of Mr. & Mrs. Ronald Trostle, Red Lion, was 42nd.

The team was 6th in Beef Cattle Judging with 946 points out of 1050 points. John Eaton was 12th in judging beef with a score of 322 out of 350 and Tim Ferrence was 17 with a score of 320. The team placed second in Swine Judging with a score of 676. Krista Rankin was fifth in Judging Swine with a score of 230. Tim Ferrence was 18th with a score of 224 and John Eaton was 23 with a score of 222 and Melissa Trostle was 40th with a score of 217. The team placed 10th in Sheep Judging with a score of 395 out of 450 points. Tim Ferrence was 39 in Sheep Judging with a score of 134 out of 150 points and Krista Rankin was 42nd with a score of 132. William Holloway, Brenda Walter, and Tony Dobrosky, accompanied the team.

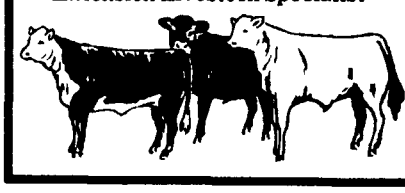
In 1961, the York team became the first Pennsylvania team ever to win the national contest, an accomplishment that has not been duplicated. York also placed third in the contest in 1978.

York County's winning livestock judging team includes (from left) coach William Hollowway; Tim Ferrence; John Eaton, Jr.; Melissa Trostle; Krista Rankin; Brenda Walter, coach.

Beef Briefs

by Chester D. Hughes

Lancaster Co. Extension Livestock Specialist



The Replacement Heifer

Normally, in most beef herds, about 30 percent of the heifer calves are retained as replacement females, unless there is a more immediate need for cash flow or a reason to increase cow numbers. Open heifers, especially in purebred herds, are often easier to sell than cows and can be a quick source of cash receipts. On the other hand, your freshest genetics should be available in your heifer calf crop and often retaining more than 30 percent can lead to greater profits at a later date.

None the less, selection of replacement females should be on the basis of performance records. Weaning and yearling weights should be recorded and ratios used to aid in the selection process. An old rule of thumb was to retain the oldest and largest frame heifers in the herd, as they would eventually be the females that could be bred earlier in the breeding season; thus keeping them in step with the rest of the herd. Today, with the many tools available for livestock selection, a producer can now be more scientific in his selection process. By the use of EBV's (estimated breeding values) for birth, weaning, yearling and maternal traits and sire summary data, a cattle breeder can be more critical and selective with regard to the heifers he keeps as replacements.

Research has shown that early overconditioning in heifer calves is detrimental to their future reproductivity. For this reason it is suggested that replacements not be creep fed and that they be fed only enough energy after weaning to promote growth and development. Desired gains after weaning depend largely on inherent growth potential. For instance 1.0 to 1.50 pounds per day might be realistic gains for average British breed cattle. Gains of 1.50 to 2.0 pounds per day are more likely with Continental breeds and larger framed British type heifers.

A cattleman's goal should allow that heifers reach puberty at 14 to 16 months of age, weigh 700 to 850 pounds at breeding and weigh 950 to 1100 pounds at first calving. After breeding, the heifers should continue to gain at the rate of 1.0 to 1.25 pounds by winter feeding time. A gain of 1 pound per day from December to April will bring heifers to over 1000 pounds at calving. This should allow calving without difficulty and prevent overconditioning. In any case, good judgement must be used and energy intake adjusted according to the heifer's condition.

A table outlining nutrient requirements for large frame heifer calves is shown below.

Nutrient Requirements for Large Frame Heifer Calves*

Body Wt. (lbs)	Avg. Daily Gain (lbs)	Dry Matter Intake (lbs)	Protein Intake (lbs)	TDN %	GA %	Ph %
500	1.0	12.4	1.16	59.0	.30	.20
	1.5	12.9	1.32	64.0	.38	.20
	2.0	13.1	1.46	69.5	.44	.24
600	1.0	14.1	1.25	59.0	.28	.19
	1.5	14.8	1.41	64.0	.33	.19
	2.0	15.0	1.54	69.5	.38	.22
700	1.0	15.9	1.34	59.0	.25	.18
	1.5	16.6	1.49	64.0	.29	.19
	2.0	16.8	1.61	69.5	.33	.20

* Adapted from Nutrient Requirements of Beef Cattle, Sixth revised edition, 1984, National Academy Press, Washington, DC.

These nutrients can be supplied by a variety of feedstuffs. Some simple rations might be 30 pounds of corn silage and 1.5 pounds of complete protein supplement, or 10 pounds of mixed hay and possibly phosphorus supplementation. It still takes a cattleman's trained eye to keep a watch on an animal's proper development.

Chester 4-H Member Ends Career With Win

WEST CHESTER — Ken Walker of West Chester continued his winning ways this year with his bred-and-owned steer being named grand champion at the 1986 Chester County 4-H Beef Show held on Friday, Nov. 14 at Crebilly Farm in West Chester.

This was Ken's last year in 4-H and he ended it the way he ended many years by walking away with grand champion honors. Ken was also named senior champion showman as he had done on many years past. Ken is a freshman at the Berks County Penn State Campus majoring in Annual Production and hopes to obtain a job in the agricultural field upon graduation.

Reserve champion steer was shown by John Crossan of Unionville. Champion Angus heifer was shown by Erica McClellan and reserve champion Angus heifer was shown by her brother Matt McClellan, both of Unionville.

Ryan Rohrer of Nottingham was named champion junior showman, and champion first year showman went to Joyce Reese of Coatesville. The following are the results of the show.

Lightweight Steers

1. Matt Howe, Downingtown; 2. Anita Howe, Downingtown; 3. Lane Lineberger, Downingtown.

Mediumweight Steers

1. John Crossan, Unionville; 2. Rob Rohrer, Nottingham; 3. Mike Crossan, Unionville.

Light Heavyweight

1. Tiffany Rohrer, Nottingham; 2. Joyce Reese, Coatesville; 3. Walter Russell, Downingtown.

Heavyweight

1. Ken Walker, West Chester; 2. Ryan Rohrer, Nottingham; 3. Joe Horton, Downingtown.

November Angus Heifers

1. Matt McClellan, Unionville.

May Angus Heifers

1. Erica McClellan, Unionville.

January Angus Heifers

1. Chris Jordon, Unionville.

Lyng Announces Disaster Payment Provisions

WASHINGTON — Secretary of Agriculture Richard E. Lyng recently announced preliminary provisions for administering the 1986 disaster payment program.

The program provides for payments to producers in disaster-affected counties to compensate them for 1986 crop losses. A complete list of eligible non-program crops and the application date for disaster payments will be announced when final regulations are published.

Secretary Lyng listed the following program provisions:

- Eligible counties are those in which Farmers Home Administration emergency loans are available for losses of 1986 crops caused by drought, excessive heat, excessive moisture, flood or hail.
- Producers requesting disaster program assistance will be required to furnish acreage and production reports on forms provided by their county Agricultural Stabilization and Conservation Service office.

The county Agricultural Stabilization Committee will use the reports to determine whether the producer has sustained a loss of production that will qualify for compensation. The producer must also provide, when available, evidence of their actual yield for 1983, 1984 and 1985 for all crops except wheat, feed grains, upland cotton, peanuts and certain kinds of tobacco.

- In the case of wheat, feed grains, upland cotton and rice, only producers on farms which participated in the 1986 production adjustment program for the crops are eligible. For nonprogram crops, eligible producers are those who suffered losses as the result of natural disasters that create economic emergency for the producer.
- Applications for payments will be accepted at a date to be announced.
- Payments will be made in generic commodity certificates.
- In general, payments to eligible producers for a crop will be computed by multiplying 50 percent of the disaster payment yield for the crop times the eligible acreage, subtracting the 1986 actual production, and multiplying by the payment rate. The payment rate will be the county loan rate for the crop or an average market price for crops without a loan rate.
- Payments to a person will be limited to $100,000 for program crops and $100,000 for nonprogram crops.

Secretary Lyng asked producers to organize their production data for 1986 and previous crops so that they will have the necessary information available when the county ASCS offices begin accepting payment applications. Payments will be made when eligibility determinations have been completed.

ASCS county offices will provide producers further program details and will notify them when to submit loss of production evidence and payment applications.

Forage Council To Meet Dec. 9

NEWARK, Del. — Voisin, a pasture management system practiced in Vermont and New York, will be among the topics discussed at the Maryland-Delaware Forage Council's winter forage meeting Dec. 9 at the Caroline 4-H and Youth Center in Denton, Md.

University of Vermont agronomist Bill Murphy will discuss how voisin grazing management can save a farmer up to $98 per cow in feeding costs from May to October. Voisin management is a simple system of dividing pastures into small paddocks. The paddocks are grazed in rotation to ration out the forage and allow plants time to replenish themselves. This system has been practiced for about 15 years in New Zealand and for about five years in Vermont and New York.

Other topics to be covered during the day-long meeting include small grains suitable for forage, weed control in alfalfa, hay marketing, and forage species for the peninsula. The meeting will conclude with a group discussion on alfalfa and silage production, forage-related animal health problems, and pasture species and management.

The forage meeting is sponsored jointly by the Maryland and Delaware extension systems and by area agribusinesses. It is open to the public.

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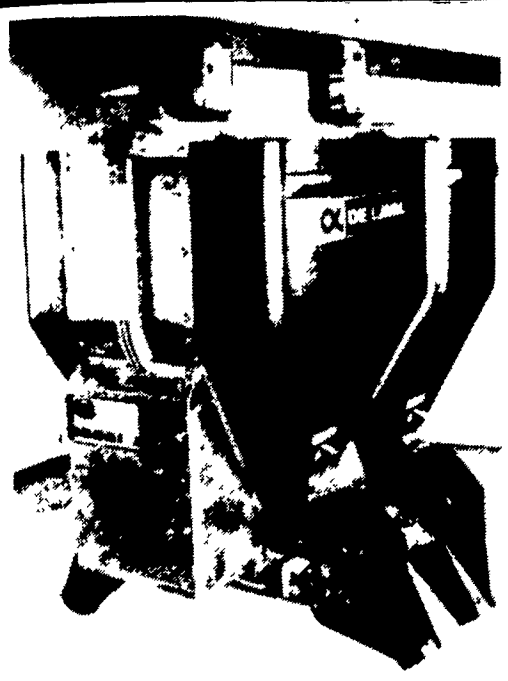

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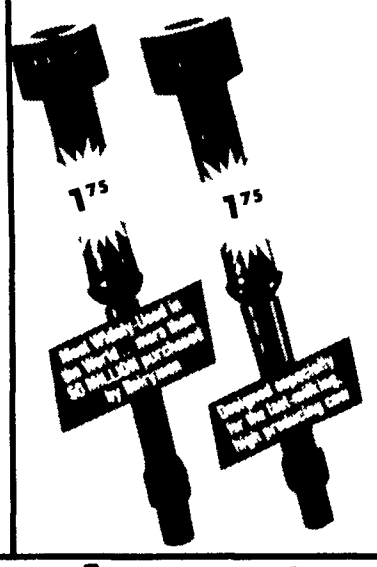

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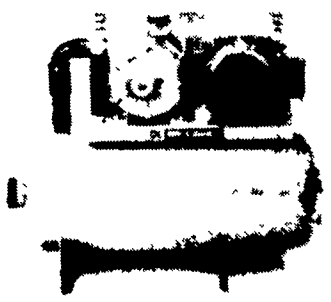

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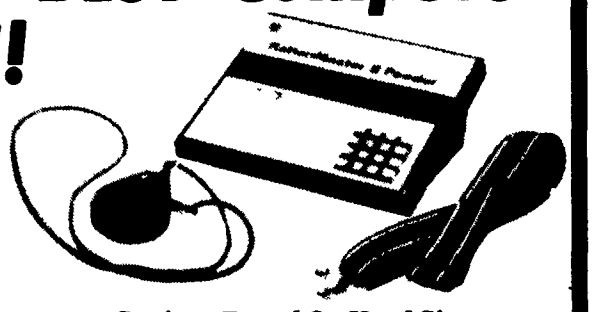

Purchase a RationMaster® II processor, two feeding stations and at least 50 transponders by Dec. 12, and take your choice of: FREE Feed Delivery Control Unit With Full Alarms - $780 VALUE

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125	$ 1,100 00	$ 112.50	$ 987.50
150	$ 1,320 00	$ 135.00	$ 1,185 00
175	$ 1,540 00	$ 157 50	$ 1,382 50
200	$ 1,760.00	$ 180.00	$ 1,580.00
225	$ 1,980 00	$ 202 50	$ 1,777 50
250	$ 2,200 00	$ 225 00	$ 1,975 00
300	$ 2,640 00	$ 270 00	$ 2,370 00
400	$ 3,520 00	$ 360 00	$ 3,160 00
500	$ 4,400 00	$ 450 00	$ 3,950 00
750	$ 6,600 00	$ 675 00	$ 5,925 00
1000	$ 8,800 00	$ 900 00	$ 7,900 00
1250	$11,000.00	$1,125 00	$ 9,875 00
1500	$13,200 00	$1,350 00	$11,850 00
1600	$14,080.00	$1,400.00	$12,640 00

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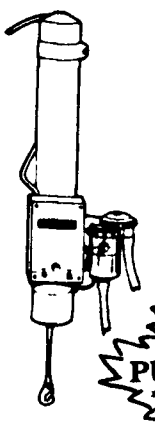

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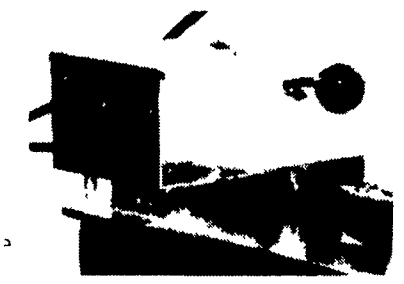

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News From NAILE

Charolais Heifer Brings $50,000 At National Sale

LOUISVILLE, Ky. — New and established breeders alike took part in the 8th National Charolais Sale on Nov. 19 held during the North American International Livestock Exposition in Louisville, Ky. Showcasting the breed, this nationwide selection of 28 top-quality lots sold for an average price of $9,535. The consignments from 21 states and Canadian provinces met with buyer demand, as the offering included many class winners and divisional champions from the previous day's National Show. Buyers from 19 states, including Hawaii, and one Canadian province purchased cattle in this event.

Interest in the high-selling lot began on June 23, 1986, when she was named grand champion of the National Junior Charolais Heifer Show. That interest followed through until auctioneer Stanley Stout called her sold at $50,000. GF Bernice 515, consigned by Grassy Forks Charolais of Catawba, N.C., is a Sept. 5 yearling sired by ACF Apocalypse 40 and out of Elm's Agressor Princess by Riverwood Elevation 44. Granada Cattle Co. of Cloverdale, Ind., and Triple R Charolais of Franklinton, N.C., are the new owners of the current national senior calf champion.

Class winner and national junior calf champion bull, BR Yukon Jack UCH2, sold for $22,000 to Reynolds Ranch of Centrahoma, Okla. John Bauman of Carpenter, Wyo., consigned the Jan. 27, bull calf sired by Roxy's Jack Dempsey. The polled son of the 1981 reserve national champion female, JB Cheri 172, had a 94-pound birth weight and a 950-pound, 205-day weight. The future show and herd sire was 57 inches tall on show day.

Black Oak Charolais of Sparta, Tenn., paid $17,000 for a top show heifer from the 1986 Royal Charolais Co. show string. She's a May 1, 1985, heifer sired by Royal's senior herd sire, RCC Royal Constructor I, and out of a Sir Sam 1st daughter. The polled show-winning heifer from Greensburg, Pa., sold with breeding privileges to The Colonel.

BR-MF Le Tyger T574, by National Champions Silver Creek High-Rise and BR-MF Lady Tyger, sold for $15,000 to Boulder Valley Farms of Lafayette, Colo., The Bauman Ranch of Carpenter, Wyo., consigned the May 8 polled yearling.

After winning championship

(Turn to Page D5)

Pa. Charolais Breeder Scores At NAILE

LOUISVILLE, Ky. — New faces and a large crowd of spectators lent a special air of excitement to the National Charolais Show and Sale events held Nov. 18-19 at the North American International Livestock Exposition in Louisville, Ky. Sporting 168 entries, the Show was evaluated by Shorthorn breeder Ric Hoyt of Burns, Ore., and Dr. Donald Boggs of the University of Georgia-Athens.

WH Rambo, a May 16 two-year-old, marched into the grand champion spot of the bull show. Coming from the senior division, the Winchester Colossus son was exhibited by Wesson Charolais Inc. of Koshkonong, Mo., Windy Hills Charolais Ranch of Commerce, Ga., and Marvin Nichols of Ankeny, Iowa.

Following into the reserve grand champion slot was Paramont Warrior 5156, an April 1, 1985, son of Silver Creek High-Rise. Also the day's junior champion, he was exhibited by The Paramont Ranch of Abingdon, Va., and Marvin Nichols.

A new breeder on the Charolais scene, Airhart Cattle Co. of Clarksville, Ga., and Tecumseh, Neb., presented the grand champion female, HRC Stardust 1T. This March 15, 1985, heifer was sired by Roxy's Jack Dempsey 63R.

Paul Miller of Spring Grove took reserve champion female honors at the National Charolais Show with SMR Sasha 3025.

A Pennsylvania entry, SMR Sasha 3025, claimed the reserve grand championship. Paul Miller of Spring Grove, Pa., brought out this May 9 yearling sired by Paramont Trademark 3127.

In the 72-head bull show, a May two-year-old, RCC Royal Hallmark 4703, garnered the reserve senior championship for Royal Charolais Co. of Greensburg, Pa., and Miller Charolais Co., of Spring Grove, Pa. He's sired by RCC Royal Constructor I.

NAILE Hosts Shorthorn Sale

LOUISVILLE, Ky. — The 1986 North American Shorthorn Heifer Calf Futurity was held on Sunday, Nov. 16, at the Kentucky Fair and Exposition Center in Louisville. The show and sale of the futurity entries was conducted in conjunction with thte 1986 North American International Livestock Exposition and the 1986 National Shorthorn Show and American Shorthorn Association annual meeting.

Nine heifers were shown with 8½ lots selling in the sale that grossed $42,550 to average $5,005. Top selling lot came from Carl Jordan & Family of Rensselaer, In. Their entry, Waukaru Roma Jean 628 ET *x, was a Mar. 6, 1986 daughter of JSF Lightfoot's High 5 and Clayside Eden's Edora 7/8. One half interest sold for $16,500 to a group of buyers- Ric Hoyt, Don Hickey, Larry Winstead, and Greg Whaley, Burns, Or.

Second top selling female was CCS Alexis 96T, consigned by Gillcrest Farm, Virginia, Il. She was born Sept. 6, 1985, and her sire and dam are Glenford Curt *x and Green Ridge Alexis x. She sold for $7,000 to Y4 Farms, Ed Yates, Blanchardville, Wi.

The American Junior Shorthorn Association also held an embryo auction fund raising activity. Eight firms donated eight embryos or confirmed pregnancies, and the auction was held immediately following the heifer calf sale. The sale grossed $10,275 and averaged $1,285 per lot.

Top selling lot was a confirmed pregnancy consigned by Walter J. Hoyt & Sons. This calf was sired by RPS Tribune 82 x and out of Oak Grove's Rosette 5th. The buyer was Flint Hill Farm, Bruce Wallace, East Bend, N.C. The purchase price was $2,000.

Sealant Teat Dips

Teat dips of the sealant types have shown some effectiveness against coliform organisms which cause mastitis, Steve Spencer and Larry Hutchinson of Penn State explained in a report. Some of these teat dips contain germicides which are intended to aid in the control of contagious mastitis.

Research is lacking, however, which demonstrates effectiveness in regard to the control of contagious forms of mastitis with the sealant dips.

In some cases we are observing increases in contagious mastitis where sealant dips are used on a continuous basis. Therefore, we are suggesting that sealant type dips be used as needed only for short periods of time, two to three months, when coliform mastitis is more prevalent such as during hot, humid weather. Dairy farmers are advised to use the standard germicidal teat dips without sealants as the basic product in their teat dipping program.

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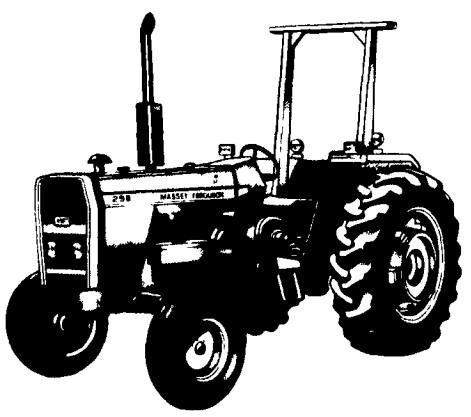

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Pork Study Shows Fat Important, Price Secondary

MINNEAPOLIS, Minn. — Fat, with its perceived negative impact on health, is the key factor in the majority of pork buying decisions, according to a just-completed comprehensive market research study of U.S. pork consumers.

"The pork industry has been promoting and moving toward a leaner product through genetics and nutrition," says Dr. David Meisinger of International Minerals & Chemical Corporation.

Speaking at the November 20 Carcass Merit Seminar sponsored by the National Pork Producers Council, the American Merit Institute and IMC, Meisinger said: "Even leaner pork products are possible and necessary to increase consumption. That's why IMC and other companies are working with porcine somatotropin and other growth enhancing products for pork."

He cited an IMC consumer study to identify factors influencing retail pork selection, whether consumers placed a value on leaner pork, and what sensitivity pork consumers have to various treatments and products that result in a leaner pork product. While overall consumption of pork has declined recently, the study shows that at-home consumption of pork has stabilized at an average of 2.1 times per week. The reason given for cutting back on pork primarily centered on the desire to lower fat and cholesterol intake, and an overall desire to reduce the amount of meat in the diet.

Researchers noted that "consumers are closely scrutinizing different pork products at the retail level for visible signs of fat in their selection process. In our study, we see 70 percent selecting chops, roasts and ribs on the basis of visible fat, with only 16 percent selecting for the next most important factor—cost." Thus, not only is a leaner product desirable, but the product must also look lean, the study found.

This selection criteria is important, they add, because 55 percent of the consumers studied said they would buy more pork if it had less fat on it. In addition, nearly 75 percent of current pork purchasers indicated they would choose a 10 percent leaner pork product over a normal product regardless of what was done to produce the leaner meat. And, they would be willing to pay an average 24 cents more per pound.

"Anyone following work to date with porcine somatotropin knows the resultant tremendous production of lean tissue versus fat in university studies," says Meisinger. "But the fact that porcine somatotropin may produce significantly leaner pork products does not mean those buyers most capable of boosting pork consumption will rush to the meat counter unless their concerns with production practices and health issues are addressed first.

"We have the data that show consumers are willing to buy more pork, even pay more for it, if it is a leaner product," he says. "It's imperative that, as an industry, we take as much care in accurately marketing the production techniques as we do in marketing that ultimate leaner, more nutritious product."

Vets Urge Fall Pregnancy Checks

SCHAUMBURG, Ill — A 100-head cow herd can be pregnancy checked for the cost of feeding one open cow through the winter, according to a report prepared at the University of Idaho for the Idaho Veterinary Medical Association.

Pregnancy checking of cows that calve in the spring is recommended in the fall.

Another report, part of a model program developed by the Georgia Cooperative Extension Service, shows how every $1 invested in professional cow/calf herd management practices returns the producer $5. The Georgia report estimates savings from pregnancy checking cows at $875 for a 30-cow herd and savings from castrating, dehorning, and implanting calves at an additional $729 for total annual herd savings of $1,604.

"While the cows are being pregnancy checked, they can also be vaccinated and treated for parasites...and checked for general health," the Idaho report says. "Early detection and treatment of cancer eye can add $4 to $10 per hundredweight on cull cows and extend the life of other cows in the herd," the report says.

"Maximum fertility must be number-one in maintaining a beef cow herd for maximum production," said bovine practitioner Michael K. Moore, DVM, of Superior Nebraska.

Charolais Heifer

(Continued from Page D4)

banners from the 1986 American Royal and Tulsa ROE shows, FH Miss Mac 080 sold for $15,000 to C&J Charolais of Edmund, Okla. Fox Hollow Charolais of Hulbert, Okla., consigned the pride of their string, a polled May 12, 1985, daughter of Minute Man Superman. She is out of Miss HCR Mac 1303 and sold bred to Fh Cujo 085.

The youngest lot in the sale, Thomas Miss Candy 6514 by 1986 National Champion bull, Immortal, sold for $15,000. She is a May 5, 1986, heifer calf and sold to Granada Cattle Co. and Triple R Charolais. The extreme show heifer prospect from the Thomas Ranch of Harrold, S.D., is out of Thomas Miss Madonna 4009 and will be seen in the showring this season.

Miss Stone-Del Poker Jag by Poker King Junior GV 18G sold for $13,000 to Miller Charolais Co. of Spring Grove, Pa. The Paul Miller Family purchased this Jan. 6 show heifer calf from Stone-Del Farms of Hartville, Ohio. She is out of Miss SDC Jaguar 940L.

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Massey 300-Series Tractors Tailored To Customers' Needs

DES MOINES, Iowa – A new range of tractors, which gives a choice of more than 10,000 variants to meet the operational requirements of farmers in any country worldwide, has been launched by Massey-Ferguson.

The new 300-Series range is the culmination of a $3.3 million investment at M-F's Coventry, England, tractor plant in new factory equipment, plus another $2.1 million in new computer software, which revolutionizes the way the new tractors can be specified and ordered by customers.

Evolving from the popular M-F 200 Series, the new M-F 300 Series tractors offer two new turbocharged engines, new synchromesh transmissions and hydraulics, and new steering and front axles. Pictured is M-F 399 with 85 PTO h.p.

Previously, because of the vast number of variants in the types of tractor wanted by farmers in different parts of the world, the plant has built largely standard machines to suit the majority requirements of individual markets, with a limited choice of optional equipment.

Now, farmers everywhere will be able to "build-up" the exact specification of the tractor they want by choosing from a whole series of product features and options that will be available for all markets worldwide.

Commitment To Customers

John Ruth, president, Massey-Ferguson Inc., said: "This is a far-reaching change, reflecting one of the most important steps in our marketing commitment to customer satisfaction. We are carefully geared to deliver precisely what our customers demand by concentrating on providing what they want, and not on what we think they are likely to want.

First evidence of the new system for customers will be Massey-Ferguson's tractor literature. New-style brochures will present the machines in terms of all the individual features that can be put together to make up the customer's choice of specification. The literature will be the same for all markets worldwide, apart from over-printing in different languages.

Another $4 million has been spent on the engineering development of the new 300 Series range, which extends the Coventry-built range to six-cylinder machines for the first time, and includes a total of seven basic models, ranging from 38 to 85 PTO horsepower. They replace the previous M-F 200 Series range, with the exception of the smallest model, the 38 PTO horsepower M-F 240, which remains in production.

In come new turbo-charged engines on two of the new models, and all have new styling, improved hydraulics, new transmissions, new steering and new front axles. In addition, all have new features for significantly improving ease of servicing and maintenance.

One of the outstanding engineering achievements of the range is the degree of component interchangeability. Over 1,500 of the 4,000 components the factory uses to build the tractors are common to all models. Of the remainder, over 700 are common to the four and six-cylinder models, and another 450 are common to the three and four-cylinder models.

This streamlining of components – coupled with the heavy factory investment in flexible manufacturing facilities and computerized systems for planning and monitoring production – has paved the way for the new Product Features Specifications System, the name which Massey-Ferguson gives to the system that enables customers to make their own choice of features to "tailor" their tractor to the precise specification wanted for their own individual farming operations.

Specification Choices

The specifications they can choose from include: two or four-wheel drive; five transmissions with 6, 8 or 12 speeds; single or two-speed power take-off; hydraulic pumps and oil flows; comprehensive range of wheels and tires; hydraulic linkage and assistor cylinder options; trailer braking; and different drawbars and hitches.

Massey-Ferguson is the western world's largest producer of tractors, with a 17.4 percent market share in 1985.

BUSINESS NEWS...

New Rye Grass Developed

Van der Have of Oregon Inc. has announced the development of a new Tetraploid Perennial Rye Grass called CITADEL, a mid- to late-season grass.

CITADEL Tetraploid Rye Grass is available exclusively through Servos Seed Corp., Chadds Ford, Pa., it's Eastern U.S. Distributor.

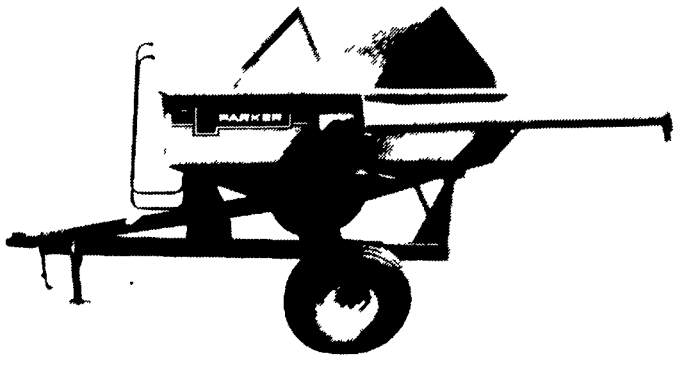
CITADEL Tetraploid Perennial Rye Grass represents a new concept in forage grasses. It offers superior forage quality when compared to other forage grasses such as Orchard Grass and Smooth Grass and the potential for equaling or improving legume hay or haylage yields and quality when incorporated into legume/grass fields.

In addition, CITADEL Tetraploid Perennial Rye Grass maintains a better grass/legume balance. It does not dominate the stand like orchard grass and will not suffer stand losses due to modern day harvest schedule. Its presence in hay fields provides superior weed and soil erosion control. CITADEL produces an excellent green manure crop.

CITADEL Rye Grasses are higher in crude protein, digestible dry matter, nonstructural carbohydrates and palatability than other commonly used forage grasses In addition it is substantially different from ordinary rye grasses. It has twice as many chromesomes, has a higher soluble carbohydrate content, larger root system, is more palatable and digestible and possesses a potential for greater intake, digestibility, crude protein and total dry matter yield.

CITADEL Tetraploid Perennial Rye Grass is a medium to late variety. It begins to flower about the time alfalfa comes into early bloom, thereby allowing both species to be harvested when digestibility is near its maximum.

Parker's New Grain Buggy



New from Parker Industries Silver Lake, Ind., is this smaller version of the Parker high speed auger unloading grain buggy. Capacity is 150 bushels, or up to 200 bushels with optional sideboards.

Firm Predicts Possible Seed Shortages

LANDISVILLE – Drought conditions that spread over areas of the northeast and mid-Atlantic states during the past summer, coupled with the pending USDA long-range conservation program, may have an effect on availability of some farm seeds for the coming year, according to one of the northeast's major seed companies.

In a letter to field sales representatives, Hoffman Seed Company of Landisville, warns that clover, some grasses and soybean seed crops were adversely affected by the drought and poor harvest weather. The company said this has affected seed quality in many areas and resulted in lower-than-normal yields.

Hoffman Seed, operates more than 50 feet plots throughout the northeast for developing seeds suited to local growing conditions. The company is the northeast distributor for Funk G hybrid corn and its own proprietary line of seeds.

Ivan D. Kaufman, sales manager for the firm, which specializes in seeds for the northeast and mid-Atlantic region, said farmers would be wise to make purchases as early as possible.

"In addition to the drought-caused shortage of some seeds, there are other factors that may put some pressure on seed supplies when spring planting rolls around," Kaufman said.

Pesticide Law Affects Alfalfa

An example is the recent passage of a proposition in California, where farmers feel they can now be held liable for any pollution that occurs as the result of use of pesticides. About 90 per cent of the nation's proprietary alfalfa seed is grown in California and Kaufman said there is increasing talk in the trade that some growers there will abandon alfalfa seed production

"A large number of pesticides are required to control insects that attack alfalfa I've heard that some California growers feel they'll be better off switching to other crops, rather than risk facing penalties that could result from the use of pesticides," Kaufman said.

Kaufman said the large surplus of alfalfa seed that existed when farmers entered the 1986 planting season "has pretty well dwindled," to the point where there is a "just adequate" supply for the 1987 crop year.

"At this time we simply don't know what effect the long-range conservation program by the USDA will have on forage seeds. It could cause a good deal of land to be sown into permanent cover. If that happens there will be strong demand for a short supply of such seeds," he predicts.

Too Wet, Too Dry, For Soybeans

Soybeans in many areas were affected either by drought conditions or excessive rain at harvest, and germination tests at a number of locations are not encouraging, according to Hoffman spokesman Fred Lepley

"Tests at several Illinois locations have shown germination much lower than expected One major supplier has lost over half his seed crop because he couldn't get combines into the field. That seems to indicate that the quality and availability of soybean seed will be down for 1987," Lepley said.

"We've been keeping a close watch on what's happening to seed crops because of the weather situation we've gone through this year," he noted.

"Then when pollution proposition passed in California, the long-range conservation plans began to be discussed, and the set-aside program was announced, it all added up to letting farmers know what they might face in 1987," Lepley said

Seedway Offers New High-Yield Alfalfa

YORK – Donald P. Wertman, executive vice-president, Seedway, Inc., announces the introduction of Eastland Brand "Haymaster VW" alfalfa.

Haymaster VW performs exceptionally well for forage producers who intensively manage their stands to achieve maximum yields in the four-and five-cut system. Haymaster VW is an ideal choice for this use because it breaks dormancy early in the spring and continues growing late into the fall This gives producers maximum yield potential under good cropping management

Forage quality is excellent. Fine stems and leafy plant type help to insure palatability when fed as hay or haylage Cash crop growers can demand premium prices because of the crop's high quality appearance when cutting is accomplished regularly at the late bud to early bloom stage

Haymaster VW, as its name implies, is resistant to verticillium wilt. It is also resistant to anthracnose, phytophthora, bacterial and fusarium wilts. It can be used in nearly any northeastern alfalfa growing environment from Maryland to Vermont because of its broad disease resistance. Winter hardiness will be enhanced as a result of these resistances.

Haymaster VW seed will be pre-inoculated for convenience to the grower and should be in ample supply for 1987 establishment.

For more information, contact the company at York, 717-764-9814

Harris Savings Announces Promotions

B. K. Catherman, chairman of the board and CEO of Harris Savings Association, has announced the following corporate promotions:

Bonnie J. Nolt of Lancaster, a graduate of Wesley College and York College of Pennsylvania has been elevated to the position of branch manager of Harris' Main Office in downtown Harrisburg

Nolt began her Harris career as a teller and previously served as manager of Harris' Lancaster Office

Sue J. Miller of Harrisburg has been promoted to the title of training coordinator at Harris' new Training Center, headquartered on the west shore of Harrisburg She previously served as branch manager of Harris' Summerdale Plaza Office and is a graduate of Indiana University in Bloomington, Ind Her duties include research, structuring and conducting training sessions for Harris employees

Margaret Baranowski of Highspire is Harris' new branch manager of the West Shore Plaza Office She is a graduate of Central Dauphin East High School, Harrisburg Area Community College with an associate degree in savings and loan, and the Institute of Financial Education. She is presently working toward a paralegal degree as well

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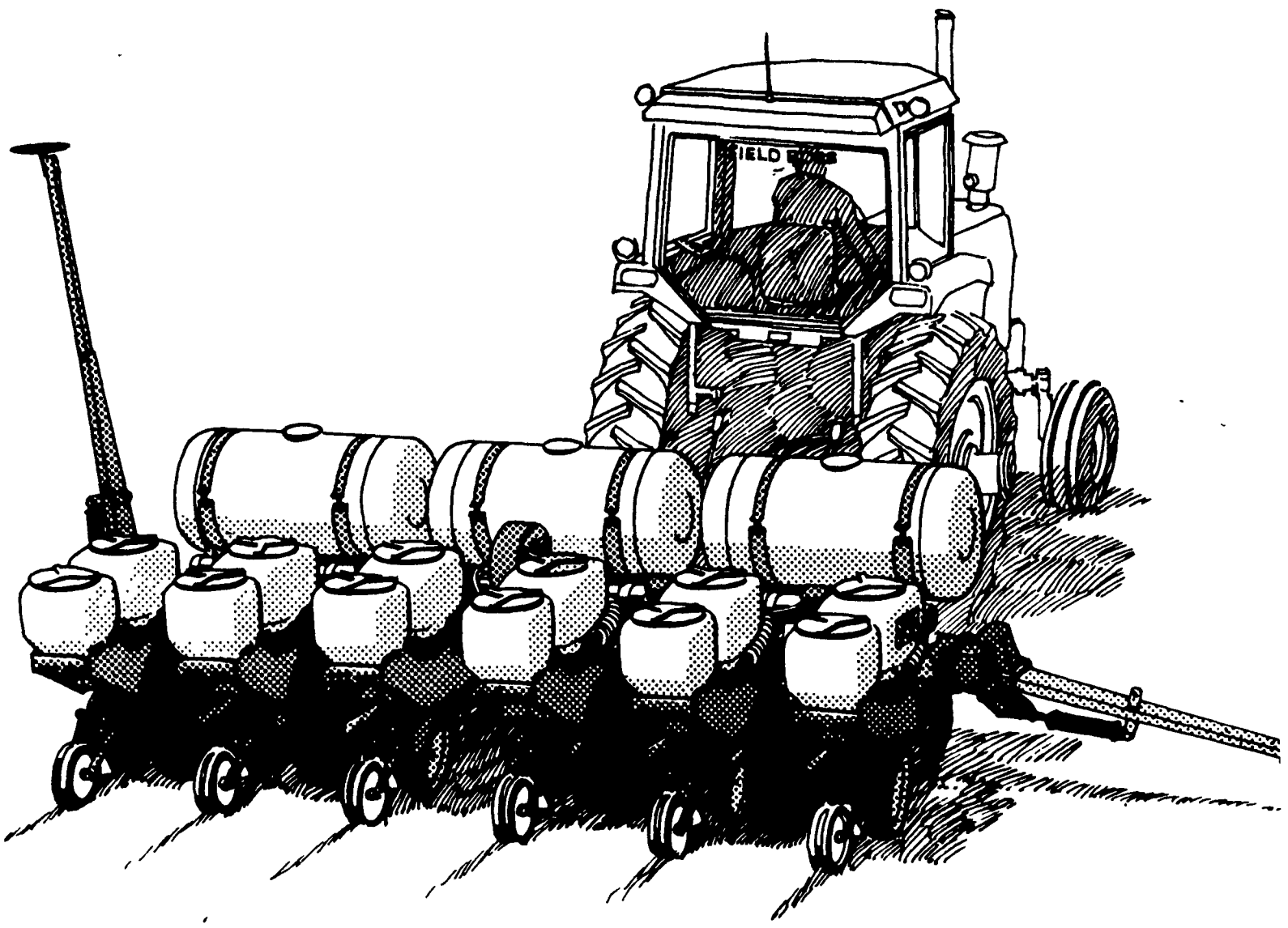

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
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Changes In The 1986 Tax Law

The 1986 tax law will have an effect on everyone in this country plus a few from other lands. No one from a newborn child to the oldest American will escape. There are good aspects as well as bad parts to the new law for farmers. One potentially good affect for farming in general will be to take farming out of the "tax-shelter" category. Even this has somewhat mixed blessings. The worst effect the new law has for everyone is that filing tax returns will be more complicated than ever. It may become especially complicated for farmers if the new rule on capitalizing pre-productive expenses is interpreted rigidly. In the next few columns, I will attempt to interpret the parts of the new law that affect the majority of farmers.

Items to be Eliminated

1. Investment tax credit is essentially a dead issue for now. There will be no new investment credit for anything purchased after Dec. 31, 1985. This is one of the changes that takes effect in 1986. Before 1961 there was no investment credit. For a period of time in 1969 and 1970 there was no investment credit. Until 1975 investment credit was 7 percent not 10 percent. So do not consider it as dead for ever. It may come back in during the next tax law change or be phased in as a technical correction. Do not plan on it through 1988.

2. The long-term capital gains 60 percent exemption from federal income tax was also eliminated. The effective date is Jan. 1, 1987. This includes the income from installment sales even if those sales were from a previous year. Interestingly enough the framework for the capital gains exclusion was left intact so it could be brought back in at some time in the future.

3. Land clearing expenses are no longer deductible as of Jan. 1, 1987.

4. Charitable contributions will not be deductible by non-itemizing taxpayers after 1986.

5. State sales taxes will no longer be deductible after this year by anyone.

6. Interest that is considered personal, other than mortgage interest on two homes, will be phased out as a deductible item starting in 1987. Personal interest would include interest on a personal car, credit card interest, interest on an IRS bill, interest on an insurance loan where the money was borrowed for personal items, interest on personal loans, and interest on educational loans.

7. The two-earner deduction will be eliminated for now. As with the investment credit, there may be enough "back home" support for this one that it could come back in later.

8. Income averaging will no longer be available after 1986.

9. Double exemptions for those over 65 or blind have been eliminated. That group of people will receive a higher standard deduction to partly compensate for the loss. Since our population is gradually getting older this is another elimination that could come back into the picture down the road aways.

10. The $100 dividend exclusion from tax has been terminated. It was more valuable for the retired person than for most farm families.

Children May Be Big Losers

Dependent children face a rather complicated situation. There will be a lot of children who will have to start filing taxes under the new law.

1. Dependents will not be able to use their own personal exemption if they are eligible to be claimed on someone else's return. The implications are serious for several reasons. (a) The past law said that the standard deduction could not be used to offset unearned income such as interest – fortunately the new law did show a little mercy and allow up to $500 of the standard deduction to offset unearned income. (b) Under the previous law, the personal exemption could be used to offset unearned income and earned income – since the new law eliminates the personal exemption for dependents, there will only be the standard deduction to offset both with a limit of $500 on unearned income. Example: For 1986, a child would be able to have up to $3560 of non-taxable income as long as the unearned portion was $1080 or less. For 1987, the amount of income that a child could receive without paying taxes will be $2540 as long as the unearned portion was $500 or less.

2. After the 1987 tax season, taxpayers will have to record on their returns the TIN (social security number) of all dependents over the age of 5. Furthermore, children taxpayers will have to report their parents' TIN on their returns. 1984 may be coming late.

Dependents Other Than Children

The rules that apply to children will evidently also apply to other dependents such as elderly parents. People with dependent parents should re-examine their parents' tax status in light of the new law.

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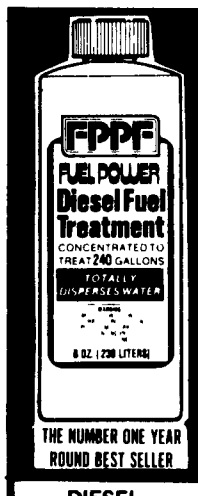

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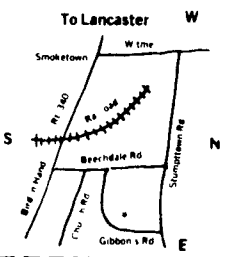

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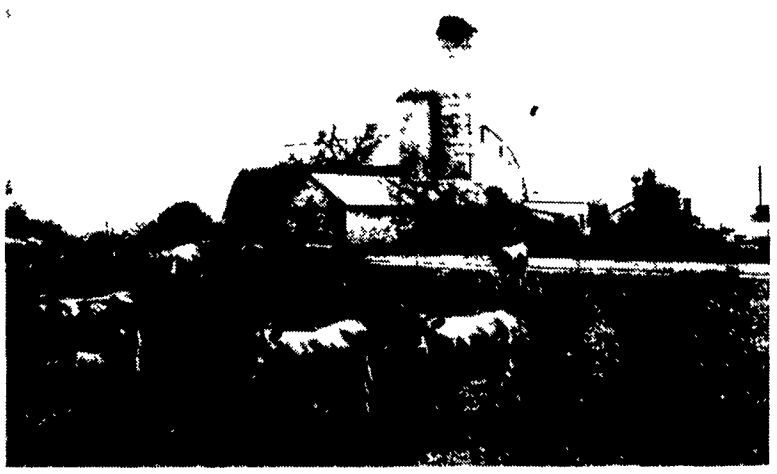

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Farm Credit News

The Farm Credit System

Farm Credit Issues Refunds

YORK – Local farmers who get their long term financing through the Federal Land Bank Association will find a surprise in their mail boxes this month.

Jay V. Rush, President for the York Farm Credit Service announced that the Board of Directors has approved the retirement of captial stock and participation certificates of the Federal Land Bank in excess of 6 percent of the unmatured principal balance.

This will mean a check to many of the farmer borrowers, who are also the owners of the Farm Credit cooperatives.

Rush said that the checks would be in the mail within the next few weeks. "The York Farm Credit Service had a good year in 1986. As a result we are again able to refund excess capital stock and participation certificates. Checks totaling $107,000 will be sent to 356 of our members," Rush added.

The York Farm Credit Service provides short and long term loans to farmers in Adams, Cumberland, Franklin, Fulton, Perry, and York Counties.

Young's Honors Sales Force

ROARING SPRING – Young's Livestock Nutritional Services named the following sales representatives to this year's Top Achievers Club at a company-wide sales convention held recently at the Troftrees Resort, State College:

Ray L. Brechbill of Lititz for the third year; Audrey A. Bronson of Bloomsburg, James G. Longenecker, Jr. of Atglen, and Curt D. Umble of Landisville for the second year in a row. Named for the first time were Gerald A. Burket of Martinsburg, and William H. Romberger of Selinsgrove, Pa.

Selection to this Top Achievers Club is based on sales volume, new account growth, business management, and other criteria involved in the management of a sales territory.

Young's sales representatives work directly with area dairy and livestock producers in ration balancing and feeding management along with providing a complete line of vitamin/mineral premixes and allied products.

NACA Urges Farmers To Take Certification Training

WASHINGTON – The National Agricultural Chemicals Association has launched a nationwide campaign encouraging farmers and private applicators to become certified in the use of pesticides.

The NACA, with the support of many grower organizations, is urging all growers – whether or not they use restricted-use pesticides – to be certified because all chemicals need to be used safely and responsibly, says Dr. Earl C. Spurrier, vice president of regulatory affairs for the NACA.

A videotape, pamphlet and slide set touting the benefits of certification have been produced for the NACA campaign. The materials are designed for use at grower meetings and seminars. The NACA has also developed a theme for the campaign: "It's a Matter of Pride. Be Certified."

The Environmental Protection Agency is currently reviewing all pesticides, classifying them as either general- or restricted-use. Many general-use pesticides that farmers have used in the past have been reclassified as restricted-use by the EPA, and more are likely to follow. By law, all farm chemical users must be certified to buy or apply restricted-use pesticides.

To become certified, a farmer must satisfactorily complete an applicator certification training program conducted by his state. Information on the certification training program can be obtained through the county extension office, the state university college of agriculture or the state department of agriculture.

Topics discussed during certification training include: safety procedures, reading labels, mixing, calibration, application, storage, disposal, weed, insect and disease identification, environmental issues, and laws and regulations.

"All farmers can use additional information to do a better job using pesticides," he says. "The certification training program is designed to make each grower more knowledgeable in safe chemical use. And, in the end, a knowledgeable farmer is a better farmer.

Patz

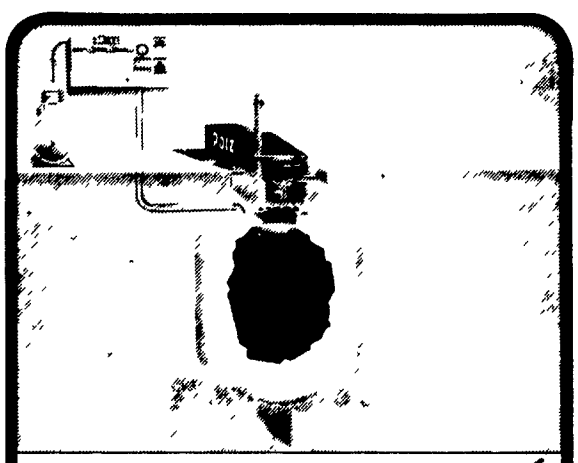
MANURE HANDLING EQUIPMENT

NEW 2.99% APR FINANCING

For slurry manure:

Patz Model 100 Slurry Pump

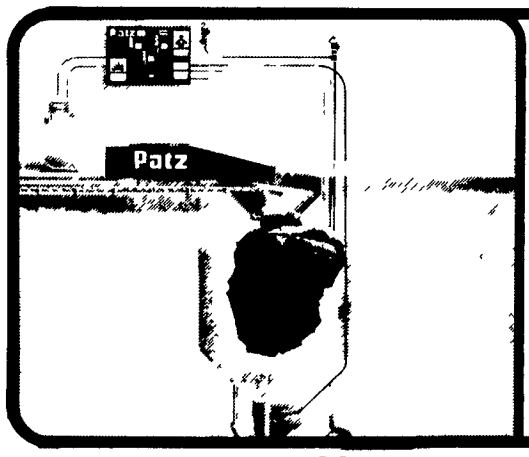
- Handle high volumes of free-flowing manure or slurry with fine-cut bedding.
- Moves manure underground through 15" or 12" PVC pipe to storage area.
- Large-capacity 7" by 15" plunger and one-way valve for constant manure removal mean less cleaning time.
- Stroke length offers three adjustments to match manure consistency.
- All moving parts removable for easy inspection.
- Big 84" hopper.
- Ends daily hauling. Time savings and fertilizer savings pay for investment.



For liquid-manure:

Patz Model 200 Air Manure Mover

- Compressed air moves free-flowing liquid or slurry manure to storage quickly and quietly through underground PVC pipe.
- Few moving parts make the operation simple and keeps maintenance low, assuring long service life.
- Control panel permits operator to agitate, pressurize and vent tank from one location. Provides in-the-barn comfort and fingertip ease of manure handling.
- High-capacity 1,700-gallon collection tank.



For semi-solid manure:

Patz Model 300 Air Manure Mover

- Compressed air moves manure with long straw through 24" underground pipe to storage quickly and quietly
- Few moving parts assure easy service, low maintenance and long service life
- Manure tank, compressor and controls inside building allow comfortable operation regardless of weather
- Tank door opens and closes by air-powered cylinder
- Easily installs and fits into most operations
- Allows handling stored manure with conventional loaders and spreaders
- Saves valuable nutrients, cutting fertilizer costs Pays for itself

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QUARRYVILLE – UNICORN FARM SERVICE; JAMES E. LANDIS 717-786-4158

SHIPPENSBURG – CRIDER FARM SUPPLY 717-532-2196

WEST GROVE, PA – S.G. LEWIS AND SON 215-869-9440 869-2214

FOREST HILL, MD – LESTER EDWARDS 301-838-5971 301-979-1930

HAGERSTOWN, MD – TRI-STATE FARM AUTOMATION 301-790-3698

KENNEDYVILLE MD – PINDER SERVICE CO. 301-348-5263

POUND, WI – PATZ SALES, INC. 414-897-2251

DISTRICT MANAGER – Dennis Skibo 717-664-2333

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York County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

October, 1986

1,078 pounds fat and 28,046 pounds milk was produced in 305 days by No 6, a 5-year-old Holstein owned by Woodbine Farms, Airville RD 1 Second high was Dolly a 4-year-old Holstein who produced 1,066 pounds fat and 27,283 pounds milk in 305 days, owned by Smyser's Richlawn Farms, 2691 East Berlin Rd , York, Pa

High herd was Smyser's Richlawn Farm with 76 cows producing 22,743 pounds milk and 799 pounds fat. Second high was Beshore Farms, 389 Old York Rd , New Cumberland with 50 cows producing 22,422 pounds milk and 798 pounds fat

Name	Brd	No. Cows	% Days In Milk	Milk Lbs	Fat Lbs
Smysers Richlawn Fms	3	76 3	87 2	22,743	799
Beshore Farms	3	50 4	85 0	22,422	798
Lynn Wolf	B3	71 4	89 7	22,655	762
HS & RE Fetrow	3	83 4	88 2	22,048	760
Paul R King	3	57 1	86 9	19,573	743
Sinking Spring Fminc	3	67 2	85 3	19,702	734
Rineway Dairy Farm	B3	83 2	88 4	19,700	727
Shelbud Holsteins	3	69 9	90 4	19,697	714
Hopewell Center Farm	B3	32 1	90 6	19,362	711
Wayne B Mummert	B3	78 4	86 0	20,359	693
Mervin W Hertzler	2	66 2	89 1	14,179	681
Melvin-Barb Marks	3	40 1	89.8	19,243	680
Leonard Greek	3	44 6	89 5	18,514	678
McRal Dairy Farm	B3	204 6	87.0	19,106	667
Dan & Patt Hushon	3	42 1	87 8	18,307	667
Daryl L Bair	G3	36 4	89 8	19,473	666
Four-Co Farm	3	51 6	84 4	18,528	663
Thomas A Boyer	3	47 1	83 8	18,008	661
William Myers	B3	49 8	85 6	18,510	658
B Robert Charles	3	47 0	85 9	18,516	657
Wayne E Myers	3	48 1	83 6	18,009	656
Woodbine Farms	3	147 2	86 1	18,305	655
Rick L Cook	B3	79 7	87 4	17,671	653
Jim&Holly McCaffree	3	47 5	82 4	18,156	*647
Melvin R Lehr	B3	50 3	84 0	18,217	646
George Innerst & Sons	B3	106.6	86 1	17,821	646
T Edwin Johnson	3	71 4	85 4	16,709	644
David Stewart	3	112 2	91 8	17,568	643
William Ruppert	B3	60 0	86 0	18,820	638
RR & MR Stewart	3	65 9	84 9	18,441	635
Walnut Hill Farm	B3	52 5	85.8	17,186	635
Ramsey S Cooper Jr	B3	60 8	88.8	17,560	632
Leroy Bupp	3	106 4	88 6	18,595	632
John Wilcox	B3	43.4	88.2	17,999	632
Edwin L Calhoun	B3	54.3	87.9	18,299	630
Desota&Robt Burchett	B3	110.4	86.6	17,483	627
Ellis Crowl	B3	91 9	87 5	16,583	626
Big T Holsteins	B3	96.5	85 3	17,726	624
Smokey Hollow Farm	G3	42 5	86 3	17,908	621
Rutter Bros	2	83 3	86.4	13,020	621
Jacob Brubaker	B3	48.2	87.1	18,506	620
JH & MB Hushon	B3	88 2	88.4	17,700	619
Gary W Thoman	B3	52.6	90.6	17,108	618
Gum Tree Farm	3	45.4	88.9	17,919	615
Phillip D Laughman	3	31 0	84 5	16,972	610
J Donnell Taylor	B3	134 0	86 1	17,215	610
Furnace Creek Farm	3	118 4	86 2	16,657	608
Leaspring Farm	3	50 1	85 3	18,832	605
Double D Farm	B3	103 7	86 3	16,243	605
Bald Eagle Farm	B3	59.1	88.6	16,827	602
Earl Fuhrman	3	104.7	88.1	17,393	602
Robert W Mays	B3	64.0	88 4	17,449	598
David Gemmill	B3	83.5	90.3	16,601	595
Elvin G Molison	B3	164 2	85 8	17,223	594
Albert Dehoff	B3	153.1	88.0	16,625	592
Robt Baumgardner Jr	G3	63 4	86 0	18,001	589
Perrydell Farms	B3	152.9	85.5	16,342	588
Hidden Springs Farm	B3	110 0	84 6	15,957	582
Myron R Pomraning	G3	50.2	85.8	15,938	582
Kurt D Pealer	B3	29 4	85.0	16,641	582
Harold Brown	3	66 6	85 9	15,745	582
Lonnie Robinson	B3	74.9	89 5	15,985	581
Rodman C Thompson	3	75 3	83.4	16,679	579
Elwood T Krick	B3	83.9	89 3	15,144	578
Keith A Shaffer	3	45 3	83 8	15,774	577
Kenneth L Rexroth	B3	136 6	88 9	15,324	572
William-Robert Fantom	B3	67 1	86.8	16,266	570
Bupplynn Farms Farm 2	B3	85 1	89.0	17,074	566
Bradley Emig	B4	45 9	84.9	11,838	*566
James W Miller	B3	109 9	90.6	15,876	566
Charles Herr & Son	G3	42 3	85 7	15,053	564
Howard G Taylor	B3	55 1	85 7	16,540	561
David L & Chris Druck	B3	73 2	80 3	16,194	560
Leroy Hertzler	B3	30 6	81 8	15,257	556
Eisenhart Bros	B8	99 4	89 3	16,432	553
Walter L Amstutz	B3	42 3	82 7	16,101	551

*- 3 times milking

Woodbine Farms						
Val	3	6-9	305	25,189	4 2	1060
ET-53	3	6-11	305	22,649	3 6	820
ET-52	3	6-11	305	21,854	3 3	732
ET-146	3	4-11	305	18,611	3 6	676
ET-137	3	5-4	305	30,715	3 2	974
ET-174	3	4-4	305	22,137	3 8	838
ET-181	3	4-4	291	17,190	4 1	711
37	3	3-8	305	17,825	4 2	750
43	3	3-1	305	18,832	3 5	653
45	3	3-1	305	17,926	3 8	689
6	3	5-6	305	28,046	3 8	1078
#Candy	3	2-3	305	21,373	3 2	682
David V Thompson						
220	3	4-10	305	14,904	4 4	663
William-Robert Fantom						
44	3	8-11	305	22,934	2 9	662
51	3	8-6	305	17,118	4 0	677
Donald Lanius						
Dora	2	5-1	305	16,452	5 0	823
Elaine	2	4-11	305	14,355	4 9	707
Sinking Spring Fminc						
Nell	3	7-1	305	21,229	3.6	774
Tania	3	6-7	305	23,314	4.0	942
Waun	3	3-1	305	20,046	3 9	778
Sunny	3	2-1	298	16,438	4 0	656
Rutter Bros						
Patty	2	6-4	305	14,881	4 9	736
BobbyJo	2	5-2	294	13,424	4 9	664
Lotty	2	3-6	305	17,667	4 4	775
Beshore Farms						
Laverne	3	7-5	302	22,016	3.9	851
Duchess	3	4-11	305	26,274	3 5	917
Petite	3	4-5	305	26,764	3 5	926
Ruffian	3	2-9	305	20,018	3 4	673
Harold Brown						
Abbie	3	7-9	305	21,604	3 3	704
Gum Tree Farm						
Felicia	3	5-4	305	15,558	4 9	770
Helen	3	3-1	305	16,555	4 1	673
Albert Dehoff						
362	3	6-5	305	20,365	4 5	922
64R	3	4-4	302	19,257	3 9	757
80R	3	4-4	305	22,031	3 4	740
Elwood T Krick						
X76	3	5-6	305	16,456	4 0	664
Furnace Creek Farm						
115	3	4-11	305	20,967	3 5	736
138	3	4-4	305	21,819	3 7	807
HS & RE Fetrow						
Renee	3	7-5	305	21,015	3 6	757
Ina	3	3-7	305	27,011	3 3	888
Ginger	3	3-7	305	24,902	3 6	889
Sunray	3	2-7	305	19,256	3 8	733
Vickie	3	2-10	305	23,840	3 2	766
Rodman C Thompson						
Sylvia	3	6-7	305	19,428	3 6	704
Toni	3	4-6	305	20,428	3 6	740
Haldana	3	5-0	304	21,258	3 2	686
JH & MB Hushon						
121	3	6-2	305	22,439	3 8	853
RR & MR Stewart						
Jabowok	3	6-7	305	23,184	4 1	957
Smysers Richlawn Fms						
Darla	3	4-5	305	28,445	3 2	900
Dolly	3	4-2	305	27,283	3 9	1066
Barbara	3	3-3	305	22,657	3 5	783
Dora	3	3-1	305	24,760	3 7	924
Ellie	3	2-1	305	21,189	3.4	720
Donna	3	1-11	305	22,376	3 5	777

(Turn to Page D11)

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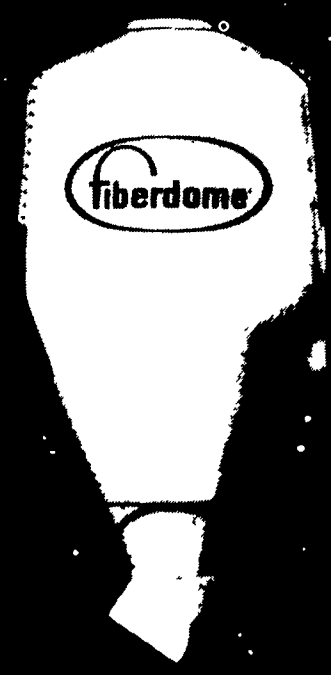

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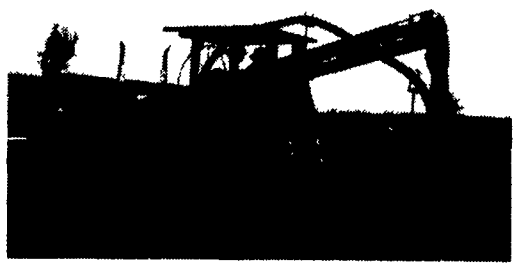

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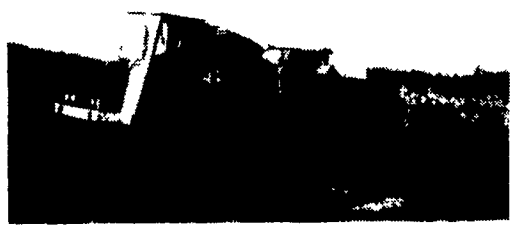

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PENNSYLVANIA LICA

York Co. DHIA

(Continued from Page D10)

Leroy Bupp						
694	3	7-9	305	25,546	3 1	793
Jig	3	5 5	305	23,976	3 5	834
Prize	3	5-6	305	21,922	3 4	738
Valiant	3	4 5	305	19,270	3 8	732
Dena	3	2 2	305	18,488	3 6	661
Hidden Springs Farm						
Truly	2	5 5	295	14,380	4 7	674
Onna	3	3 0	305	20,148	3 3	658
Dennis J Myers						
66	3	7 5	305	19,949	3 3	653
Phillip D Laughman						
*Wackee	3	10 9	305	22,256	3 4	762
Jeffrey D Stambaugh						
Chioa	3	9-10	305	16,212	4 4	710
Apples	3	5-4	305	17,499	4 3	744
Paul R King						
Sadie	3	11 1	272	20,132	3 5	711
Annie	3	5 11	305	28,514	3 6	1018
Virginia	3	4-8	305	23,029	4 1	950
Joni	3	4 1	305	19,357	4 1	784
Jamie	3	4 5	304	16,195	4 5	721
Wayne B Mummert						
45	3	10-4	305	21,087	3 5	745
57	3	9-6	267	20,890	3 6	754
Desota&Robt Burchett						
121	3	10-11	305	17,925	3 6	653
109	3	4-5	305	21,618	3 2	684
79	3	3-6	305	16,848	4 0	670
Dale & Darla Doll						
Spottie	3	7-6	305	21,498	3 4	725
Violet	3	6-1	305	18,585	3 8	706
Fay	3	5-4	305	21,477	3 3	710
Lynn Wolf						
Jackie	3	6-11	298	18,946	3 8	716
Margo	3	3-2	305	28,170	3 7	1029
Marilyn	3	3 0	305	17 561	4 0	711
Nutmeg	3	2 1	299	18,352	3 8	698
Ramsey S Cooper Jr						
Tootie	3	5 2	305	19,965	3 8	761
Melvin R Lehr						
27	3	3 1	305	12 464	3 8	861
18	3	2 4	305	18,144	4 1	744
Horace E Heindel						
98A	3	7 1	305	23,304	3 2	737
181B	3	3-2	305	22,820	3 7	842
182B	3	2 11	305	19,835	3 4	668
160B	3	2 11	305	19,173	3 5	665
John H Doll Jr						
Lee	3	9 1	305	21,504	3 4	721
Jewel	3	4 2	305	20,170	3 3	673
Wayshar Farm						
Sugar	3	4 11	305	19,191	3 5	673
Kenneth L Rexroth						
4A	3	5 10	305	18,201	3 9	706
121	3	5 4	305	18,094	3 7	662
Donald Wilson						
19	3	5 10	305	17 750	3 7	657
Rick L Cook						
10	3	10-4	294	18,741	4 1	762
30	3	7 1	305	21,523	3 8	821
29	3	7 1	286	20,187	4 0	805
55	3	5 1	305	20,117	3 5	697
J Donnell Taylor						
Brenda	3	5 5	305	19,473	3 9	767
Diane	3	4-10	286	20,522	3 4	696
Patty	3	4 1	305	22,271	3 2	721
Babe	3	4 6	269	18,729	3 6	668
April	3	1-10	305	17,421	3 7	653
Elvin G Molison						
128	3	7 2	305	21,725	3 3	720
99	3	6-9	305	21,413	3 9	839
139	3	6-8	305	19,785	3 3	655
200	3	6-0	305	18,911	3 5	655
220	3	6-0	305	22,083	3 7	812
296	3	2-1	305	16,973	3 8	650
266	3	0-0	305	22,522	3 1	699
Mervin W Hertzler						
Yvonne	2	6-5	305	16,329	4 6	748
Belle	2	5-3	305	15,427	5 1	784
B Robert Charles						
Harriet	3	4-3	305	21,684	3 6	783
Ivana	3	3-2	303	20,978	3 4	706
R & M Farms						
27H	3	8 7	305	16,584	4 2	694
Edwin L Calhoun						
Freda	3	2-1	298	17,339	3 8	651
Circle Creek Hol						
Lucinda	3	6-2	297	17,619	4 3	756
Robert W Mays						
40	3	5-2	299	22,476	3 9	875
Robt Baumgardner Jr						
45	3	4-2	305	21,521	3 2	691
Charles Hess						
1	3	9-5	287	17,358	3 9	683
61	3	4 1	305	18,796	4 0	756
15	3	0-0	305	18,131	3 6	654
Perrydell Farms						
9	3	7 1	305	18,652	4 0	742
146	3	5-1	305	19,982	3 8	755
157	3	4-8	305	19,063	4 7	890
178	3	4-8	305	19,767	3 3	655
51	3	4-3	305	25,329	3 1	789
22	3	4-3	305	21,907	3 5	759
David Stewart						
Jessy	3	4-5	305	17,856	3 8	687
Richard Staner						
#Faith	2	4-10	285	13,803	4 8	667
David Gemmill						
135	3	5-6	305	17,708	4 4	777
Double D Farm						
179	3	0-0	232	17,950	3 7	673
208	3	0-0	305	16,121	4 4	709
221	3	4-1	305	17,637	4 0	706
B-258	3	0-0	305	17,105	3 8	651
Cool Branch Farm						
Winky	3	8-4	305	18,574	3 7	689
Lonnie Robinson						
*Dolly	3	8-10	305	22,069	3 7	816
20	3	5-1	305	18,736	3 9	736
Halo	3	3-5	305	20,362	4 0	816
George Innerst & Sons						
82	3	6-4	305	21,602	3 1	677
50	3	6-11	299	21,753	3 2	693
78	3	5-1	305	20,513	3 7	755
89	3	3-7	305	21,382	3 3	700
43	3	3-3	305	20,137	4 3	858
Walter L Amstutz						
Blackie	3	6-1	305	22,157	3 5	785
Jeanne	3	5-1	305	19,466	3 5	683
William Myers						
Jessie	3	4-10	305	19,509	3 8	738
Julie	3	4-11	287	19,332	3 4	653
Fancy	3	3-11	305	20,104	3 7	737
Hopewell Center Farm						
Shady 2	3	3-1	305	20,822	3 6	747
6	3	2-1	305	18,999	3 7	694
30	3	2-2	305	18,419	3 9	711
23	3	2-2	305	19,303	3 7	722
Kurt D Pealer						
Sexy	3	3-2	305	18,188	3 7	673

(Turn to Page D12)

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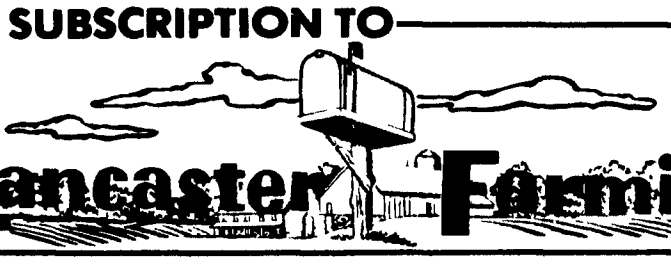

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ZIP _____ COUNTY _____

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York Co. DHIA

(Continued from Page D11)

Shelbud Holsteins						
Jeanine	3	4-3	305	23,579	3 5	814
Galen Hess						
41	3	4 11	305	18,347	3 7	677
Bradley Emig						
Cristy	4	6-1	305	12,858	5 3	677
Four-Co Farm						
Apple26	3	11 9	305	16,804	4 1	694
Merceds	3	4-8	305	20,062	3 6	727
Andarea	3	4-8	301	22,347	3 3	739
Bell	3	2-7	305	18,888	3 6	675
Bald Eagle Farm						
22	3	3-11	305	20,174	3 5	709
Ivy	3	6-3	305	17,244	4 1	704
David M Emig						
48	3	7 11	305	19,410	3 8	733
McRal Dairy Farm						
395	3	10-11	305	20,943	3 2	660
368	3	4-4	305	23,935	3 4	818
383	3	4-9	305	20,132	3 8	760
404	3	4-2	305	19,567	3 4	657
462	3	3-2	305	23,125	3 3	771
454	3	3-3	305	22,220	3 8	836
537	3	2-1	305	22,511	3 2	724
William Ruppert						
Cindy	3	7-3	305	19,924	3 4	674
Candy	3	6-2	305	19,286	3.7	722
Rocky	3	6-1	305	24,293	3 2	771
Jack	3	11-5	305	23,099	3 0	702
Nick	3	0-4	305	19,866	3 6	722
Diamond	3	6-0	305	23,184	3 1	727
Wayne E Myers						
Julie	3	10-8	305	17,252	4 1	714
Marvel	3	6-8	301	17,285	4 7	810
Ginny	3	5-11	305	20,352	3 5	713

Chester County DHIA Monthly Report

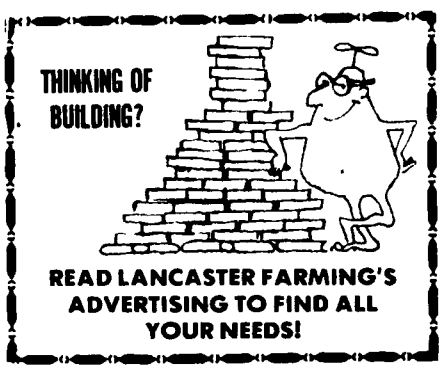
dhia — Pennsylvania Dairy Herd Improvement Association

October, 1986

The high fat cow was owned by Ardrossan Farms, a 7-year-old Ayrshire, producing 1,219 pounds of fat The high milk cow was owned by George P Lamborn, a 7-year-old Holstein producing 27,772 pounds of milk

Name	Brd.	No Cows	Day In Milk	Milk Lbs.	Fat Lbs.
Melwood Farm	3	35 6	90 6	24,866	978
Ardrossan Farms	1	121 1	88 8	20,590	853
Dunwood Farm	3	57 0	89 7	22,192	840
H&R Mason	3	134 5	89 6	20,825	796
Jonas B Stoltzfus	3	46 1	86 4	20,622	796
Ken + Marilyn Umble	3	58 7	89 5	21,164	785
Breck-A-De Farm	3	79 0	86 2	20,549	761
Thomas C Kearns	B3	42 3	85 2	19,945	753
Ben Beiler & T Barlow	3	100 7	85 5	19,838	747
John S Stoltzfus	3	69 9	89 2	19,440	744
Arthur D Hershey	3	53 3	85 0	20,869	744
Joseph Lusby	B3	55 9	88 2	19,737	743
Robert E Pepple	3	65 0	85 9	19,906	741
Landis S Reid	B3	63 6	89 6	20,903	741
Harold J Ranck	3	56 0	89 3	19,343	738
George P Lamborn	3	35 4	87 3	20,093	736
Vernon Guest & Son	B3	96 4	88 9	19,001	733
Paul King	3	67 7	94 6	19,362	732
Glen H Freese	3	72 7	86 2	20,864	726
Mrs John B Hannum 3D	B3	96 3	86 6	21,077	725
Chris&Ches Stoltzfus	3	55 7	86 2	18,702	723
Donald Hostetter Jr	3	87 7	87 8	19,553	720
Mark&Melody Stoltzfs	B3	55 3	85 5	18,942	719
Wilmer L Hostetter	3	50 3	86 5	19,467	719
Swan View	3	63.2	86 1	19,507	712
J Harold Bare	3	66 4	86 8	19,016	707
Jefferson D Yoder	3	68 5	87 9	18,461	706
Kulp Bros	B3	89.7	90 0	20,215	706
Leon D Kurtz	3	43 0	87 3	20,451	706
William L Stoltzfus	3	49.9	88.0	18,788	706
Donald M Horning	B3	49 4	86 4	18,751	702
David E Weaver	3	105 7	86 8	18,161	700
Timberview Farm	3	57.5	86.6	17,460	698
A Dudley & Son	3	55 3	83 9	18,144	698
Richard Hostetter	B3	48 6	84.2	19,426	698
Benjamin K Kauffman	B3	41 9	88 8	19,258	696
Dvid K Stoltzfus	B3	47 4	85 2	18,604	695
Daniel R Stoltzfus	B3	38.4	85 3	19,253	694
Jesse E Lair	B3	87 9	86 5	20,046	693
J Elmer Lapp	3	40.3	87.2	19,070	692
[illegible]ane&Carolyn Eberly	B3	36.4	90.4	20,228	687
Elmer A Mast	B3	82 2	87 7	17,566	685
Samuel K Stoltzfus	3	43 0	86.6	18,801	681
Daniel M Stoltzfus	B3	50.8	84 1	18,149	681
Spring Aqua Farm	3	86.7	90 3	19,387	680
Donald L Kauffman	B3	70 7	85 7	18,534	680
Pei-Valley Farm	B3	75 1	86.7	17,953	679
Bright Meadows	B3	70 6	80.6	18,772	679
Mast Stoltzfus	B3	46 5	87 6	18,641	677
Herman Stoltzfus	3	54.9	86 6	18,788	677
Walmoore 1	3	132 7	87 6	18,644	675
Maplesway Farm	3	72 3	90 0	18,452	675
Dale Hostetter	3	50 1	85 9	18,725	675
Kevin Stahlnecker	B8	50 7	83 7	18,404	674
Calvin + Tim Kurtz	B3	83 0	85 7	18,527	673
Floyd Miller & Sons	B3	71 0	86 5	18,440	672
Lester Eby	3	66 3	85 0	18,570	670
Round Top Farm	B3	84 7	82 2	19,301	670
Merle J King	B3	93 0	84 9	18,011	667
George Strutynski	B3	84 7	86 9	17,467	667
David&Dawn Windle	3	56 0	82 7	18,191	661
Kaolin Farms Reg Hol	3	35 6	85 0	19,851	660
James V Yale	B3	70 6	89 7	16,834	660
Walmoore #3	B3	140 6	87 4	17,489	660
Paul Martin	B3	64 8	84 0	19,965	660
Harold R Kulp	B3	82 9	87 1	17,784	658
Charles H Gable	1	69 5	84 6	15,085	655
David F King	B3	30 7	91 9	19,301	655
Chester Hills Farm	G3	120 2	88.6	17,984	653
J Elvin Ranck	B3	32 1	87 7	18,386	652
Paul M Snader	B3	27 8	87 5	18,143	651
Amos K Kauffman	3	40 9	86 8	18,273	651
David Walton	3	52 8	86 9	18,217	650
Ardrossan Farms					
Snoquen	1	7 3	305	30,492	4 0 1219
H-K-Eva	1	7-5	305	26,832	3 9 1042
Gsinger	1	4 10	305	24,103	4 2 1019
Pvforsi	1	8-2	305	23,922	4 1 988
OM-Mint	1	3-10	305	23,607	4 0 956
Snochld	1	5-11	304	21,150	4.4 934
Cvision	1	5-0	305	21,789	4 1 894
Sb-Time	1	9-7	305	22,069	3 8 844
Hsnogrl	1	6-3	305	21,457	3 9 833
Wizzing	1	2-3	305	18,742	4 4 818
George P Lamborn					
Aster	3	7-11	305	27,772	4 0 1113
Lotty	3	4-4	305	32,126	2 9 935
Melwood Farm					
Lucy	3	3-0	305	27,423	4 0 1094
Leana	3	3-1	305	24,847	4 1 1030
Nan	3	1-11	305	24,152	3 8 907
Lisa	3	3-0	280	19,605	4 2 827
Dunwood Farm					
Sunbeam	3	4-8	305	29,901	3 6 1083
Lucinda	3	4-7	305	27,786	3 7 1021

(Turn to Page D13)



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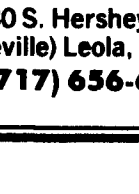
Chester Co. DHIA

(Continued from Page D12)

Joseph Lusby						
Pansy	3	4 2	305	26,574	4 0	1054
Indoe	3	4 3	298	21,692	4 0	865
Glen H Freese						
Glisn 43	3	4-6	305	25,145	4 1	1039
Ora 32	3	4 10	305	25,805	3 9	1007
Sngbd 26	3	6-1	305	28,879	3 4	985
Poppy 21	3	3 4	305	26,545	3 2	839
Mardi 36	3	4 1	300	24,064	3 4	818
Elmer A Mast						
Love 21	3	6 3	305	23,986	4 3	1029
2 Alta 50	3	4-2	305	19,513	4 5	885
A Dudley & Son						
Sadie	3	4 1	305	25,085	4 1	1020
Ben Beiler & T Barlow						
Cola 78	3	8-0	305	24,221	4 2	1012
Jeany 21	3	5-9	305	22,703	4 3	985
Dizzy 51	3	5-8	305	24,441	3 5	850
Specl 44	3	5 0	305	23,491	3 4	806
Jesse E Lair						
Elizabh	3	5 1	305	26,517	3 8	1009
Donald Hostetter Jr						
Marian	3	7-2	305	26,973	3 7	1008
Dove 21	3	7 0	305	23,886	3 8	914
Launa 98	3	4 8	305	21,441	3 9	836
Stacy 75	3	3-3	305	19,488	4 2	822
Betty 34	3	5-0	305	21,968	3 7	811
Vernon Guest & Son						
Joyous	3	4 3	305	21,505	4 6	995
Dawn	3	6-3	305	25,460	3 8	964
Bess	3	4 11	305	27,478	3 0	830
Bell	3	8 2	305	21,968	3 7	815
Bristol	3	5-0	305	22 778	3 5	804
George Strutynski						
59	3	8-1	305	22,824	4 3	991
63	3	8 1	305	22,765	3 6	829
Swan View						
Jolly	3	6 5	305	28,369	3 5	990
H&R Mason						
221	3	3 5	305	25,169	3 9	971
162	3	4 8	305	24,157	3 9	945
163	3	4 5	305	20,376	4 5	926
236	3	3-2	305	20,658	4 4	917
44M	3	10-0	305	24,654	3 7	902
201	3	3 11	305	22,708	3 9	893
242	3	3-2	305	20,474	4 3	871
54E	3	6-1	305	21,553	4 0	864
232	3	3 3	305	24,802	3 3	817
Breck A De Farm						
50	3	5-6	305	24,511	3 9	966
81	3	6 5	305	26 031	3 6	948
96	3	3 3	305	24 204	3 8	914
Robert E Pepple						
60	3	4 11	305	23,374	4 1	960
7	3	5 5	305	22,183	4 1	902
15	3	5-8	305	22 681	3 7	845
27	3	5 3	304	21,815	3 7	811
Leon D Kurtz						
Wendy 14	3	7 3	305	22,946	4 1	952
Dette 25	3	?1	305	20,737	3 9	803
John S Stoltzfus						
Maria	3	3 9	305	20,266	4 7	951
Faith	3	6 11	305	21,619	4 2	909
Hida 124	3	3 11	297	19 322	4 4	854
Mark & Melody Stoltzfus						
Lettie	3	3 3	305	24,184	3 9	949
Paul King						
Brenda	3	5-6	305	21,836	4 3	943
Lee 822	3	4-5	305	20,425	4 4	895
Jefferson D Yoder						
27	3	5-4	305	25,919	3 6	932
11	3	8 2	294	23,705	3 7	880
3	3	9 5	264	20,160	4 1	819
Kevin Stahlnecker						
Pos 051	3	4-3	305	24,299	3 8	929
Dale Hostetter						
Lottie	3	5 6	305	21,968	4 2	929
Vida	3	5 0	305	21,526	3 8	817
Paul Smoker						
Star	3	7 1	305	27,271	3 4	928
65	3	7-0	305	21,515	4 0	855
Bright Meadows						
138	3	4 2	305	24 455	3 8	928
Mast Stoltzfus						
Promise	3	4-8	305	29 268	3 1	900
Meadow Oak Farm						
223	3	4 5	305	21 646	4 1	897
Donald M Horning						
86	3	7 2	305	22,384	4 0	895
118	3	4-8	305	25,431	3 5	890
Harold R Kulp						
Alexis	3	4 2	305	18 200	4 8	876
Probe	3	6 1	305	22,811	3 6	826
Kenneth I Miller Sr & Jr						
52	3	6 4	305	22,490	3 9	875
Louis C Neyman						
35	3	3-10	305	20,537	4 3	875
37	3	3-2	305	21,519	4 0	856
David E Weaver						
Lena	3	4-0	305	22,979	3 8	868
Bravo	3	3 0	305	23,367	3 7	856
Mrs John B Hannum 3D						
226	3	6 11	305	24,863	3 5	867
345	3	2 2	305	23,773	3 6	848
Thomas C Kearns						
21 Becky	3	8 5	305	22,781	3 8	866
30	3	5 8	304	22,304	3 7	822
Dennis Bush						
416	3	3 6	305	20,360	4 3	866
Walmoore 1						
490	3	3 11	305	23,296	3 7	863
Ken + Marilyn Umble						
Rosa	3	4 5	305	24,762	3 5	860
Elsie	3	5 6	305	20,600	4 0	830
Chris & Ches Stoltzfus						
Sue	3	11 2	297	24,368	3 5	860
Pei Valley Farm						
9	3	11 3	305	19,368	4 4	860
12	3	4-2	305	21,607	3 9	832
47	3	3 1	305	20,069	4 1	829
Highpoint Acres						
Cora	3	4 0	305	21,597	4 0	856
William L Stoltzfus						
Rhoda	3	4 5	305	24,492	3 5	854
J Elvin Ranck						
Jane	3	4 10	305	23 077	3 7	854
David & Dawn Windle						
Hope	3	2 11	305	18,977	4 5	851
Calvin & Tim Kurtz						
64	3	3-9	305	25,145	3 4	848
J Harold Bare						
63	3	10 3	305	22,528	3 8	848
Landhope Farms						
386	3	3 4	305	18,940	4 5	845
Samuel K Stoltzfus						
Maid	3	5 11	305	20,548	4 1	841
Herman Stoltzfus						
Donna 12	3	4 4	305	25,536	3 3	836
Evergreen Farm						
103	3	5 2	305	20,224	4 1	836
Dennis Bush						
383	3	3 1	305	21,201	3 9	826
Daniel R Stoltzfus						
Nellie	3	4 1	305	23,475	3 5	823
Stonyrun Farm						
H Sch 14	4	3 2	305	15 952	5 1	817
Merle J King						
Shelly	3	3 11	305	20,518	4 0	816
Ellina	3	6 4	305	23,129	3 5	811
Pattie	3	1 10	305	20,680	3 9	804
Fru	3	8 3	288	18,865	4 2	800
Duane & Carolyn Eberly						
118	3	8 10	305	20,881	3 9	812
Daniel M Stoltzfus						
Jenny	3	6 5	305	21,966	3 7	808
Spring Aqua Farm						
134	3	7 0	305	23 784	3 4	807
David K Stoltzfus						
40	3	4 2	305	19,301	4 2	806
William Fell						
422	3	3 2	305	17 683	4 5	801



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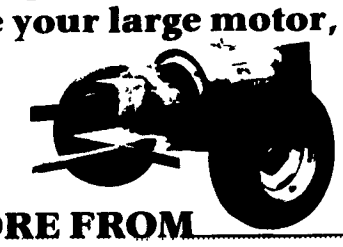

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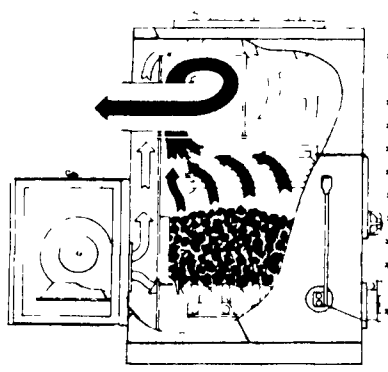

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Dauphin County DHIA Monthly Report

dhia Pennsylvania Dairy Herd Improvement Association

October, 1986

Alwine Farms owned the top fat cow for the October testing period Their 5-year-old Holstein produced 974 pounds of fat and 22,325 pounds of milk in 305 days Lauden Farms, 3 year old cow produced the top milk record with 28,645 pounds

Owner	Brd.	No. Cows	Lbs. Milk	Lbs. Fat
Restful Acres	3	109 4	20,881	743
Roy M Brubaker	3	88 1	19,361	708
Catalpa Farms	3	144.0	19,826	699
John Hertzler	3	81 3	19,129	693
Wilmer Campbell	2	62 5	15,573	688
Crissinger Dairy Farm	3	88 5	18,513	687
Robert H Beach Jr	3	49 8	19,174	683
Alwine Farms	3	87 2	18,876	673
Robert J Schaffer	3	62 8	18,306	644
Great View Farms	3	5 1	17,422	643
Elwilio Farms	8	138 7	17,341	641
J Melvin Brandt	3	71 2	16,740	615
Wil-Lene Farms	3	80 3	17,774	613
Terlin Farms	2	63 7	12,997	612
Lauden Farms	3	194 0	16,905	606
Paul E Clugston	3	106 0	16 901	600
Stoney Lawn Farms	3	88 0	16,243	591
Lytle Farms Inc	3	105 2	16,937	589
Larry L Boyer	3	31 9	17,387	584
Mahlon L Lehman	3	57 8	15,870	570
Walter Schaffer	3	21 3	14,286	564
Dauphin Way Farms	3	44 6	16,146	560
Dale F Faust	3	45 7	16,877	557
Sher Mar Acres	3	78 7	15,335	555
Arthur Brandt	3	97 4	15,173	554
Stanley R Long	3	98 9	15,569	554
Sycamore Meade Farm	1	75 5	14,365	554
Pleasant Hill Farms	3	68 8	15,522	552
Conewago Farms	3	34.8	14,805	548
Seven Springs Dairy	3	42.0	16,557	532
Al-ty Farms	3	49 8	14,951	530
Donald Miller Deemar	3	51 0	14,532	522
Samuel K Lapp Jr	3	43 5	15,450	522
Jay K Brackbill	3	40 5	15,673	518

The following cows completed 305 day lactation records above 600 pounds fat during October 1986

Alwine Farms				
Gayle	5-0	21,789	3.8	819
Sally	5-1	22,325	4 4	974
Snow	4-1	15,595	3 9	604
Jami	4-1	18,738	4 2	786
39	3-1	19,201	3 2	608
Catalpa Farms				
104	8-3	18,248	3 5	639
167	6-8	19,129	4 1	784
233	5-4	24,154	3 3	800
260	5-2	20,639	4 3	879
316	4-2	21,960	3 6	784
330	4-0	25,245	3 3	824
311	4-2	21,409	3 5	749
394	3-1	26,273	2 5	659
402	3-0	25,196	3 7	935
461	2-0	19,675	3 5	693
466	2-0	20,923	3 1	651
Restful Acres				
Donna	7-5	25,487	3 7	952
Grace	6-4	23,498	3 4	789
Sure	5-3	18,451	3 3	617
North	4-0	21,172	3 6	764
Brice	3-8	21,776	3 5	756
Buddy	2-3	12,965	4 7	608
Moe	2-2	16,263	4 2	679
Robert H Beach Jr				
157	7-7	20,311	3 5	704
230	5-5	22,342	3 2	708
Lauden Farms				
2	0-0	23,539	3 1	734
210	7-9	20,320	3 2	660
213	7-7	18,668	3 7	683
80	7-6	19,075	3 5	673
164	4 1	19,458	3 1	611
212	3-10	28,645	2 6	757
183	3-7	23,817	3 5	844
1	3-10	23,425	3 8	879
138	3-4	17,988	3 9	710
199	3-3	17,340	4 1	711
Bryncoed Farm Jersey				
551	5 5	13,733	4 6	632
John Hertzler				
Anita	7 3	17,619	3.7	660
Arol	3-5	18,062	4 4	796
Connie	3-6	17,513	3 9	681
Conewago Farms				
48	3-5	18,590	3 6	678
Sycamore Meade Farm				
Pansy	11-1	13,271	4 6	617
Clara	5-3	16,148	3 7	600
Terlin Farms				
Nanette	5-10	15,781	4 8	762
Fifi	3-1	11,538	5 7	654
Robert J Schaffer				
Millie	9-3	24,258	2 9	705
Penny	5-11	18,530	3 3	618
Verily	4-6	26,213	3 5	910
Mabel	3 0	20,182	3 8	773
Peggy	3 2	18,012	3 4	611
Olive	2 6	16 581	3 7	611

(Turn to Page D15)

Holiday Plants

The selection and use of flowering and foliage plants makes the entire holiday season more enjoyable, reminds Arnold G. Lueck, Lancaster County extension horticulture agent.

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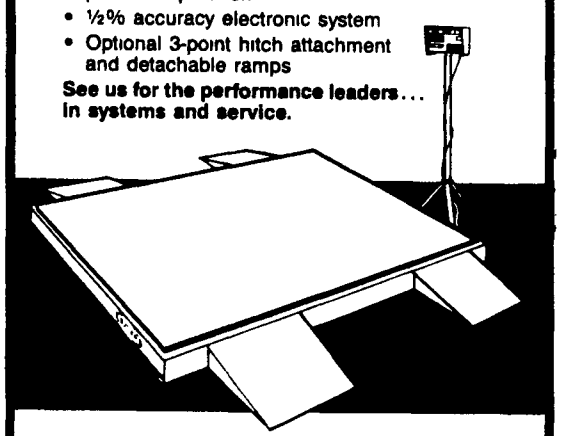

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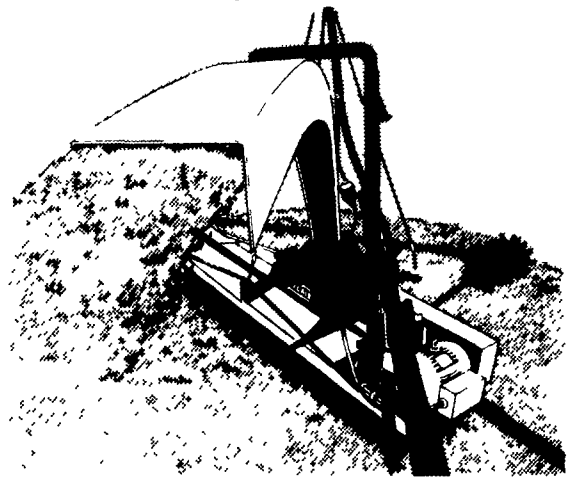

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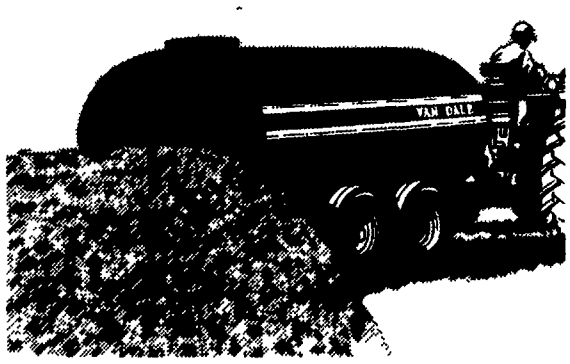

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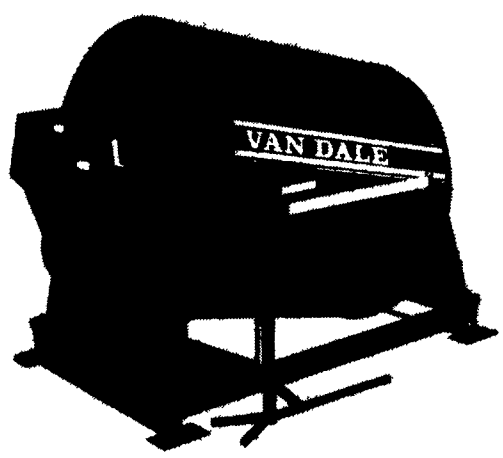

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Dauphin Co. DHIA

(Continued from Page D14)

Stoney Lawn Farms				
Auntie	6-0	21,844	3 4	747
Olga	5-0	18,121	3 6	646
Dinah	4-4	21,659	3 5	754
Loretta	4-2	17,187	3 8	656
Iva	2-10	16,955	4 0	684
88	2-1	15,390	4 4	682
Lytle Farms Inc				
Steffie	6 0	15,106	4 5	685
Alison	5 1	24,093	2 9	710
Val	3-11	19,812	3 4	679
Crissinger Dairy Farm				
Nancy	9-0	24,106	3 4	816
Shirley	5-5	25,781	3 5	915
Wilma	4-4	23,187	3 4	785
Janet	4-3	18,392	3 9	714
Candrace	3-2	17,054	3 7	635
Mardell	3 2	17,306	3 8	661
Hazel	2 2	15,845	3 8	609
Pleasant Hill Farms				
Carolyn	8 7	18,951	3 3	633
Mahlon L Lehman				
Sue 10	4-8	19,302	3 7	720
Hope	3 9	17,866	4 5	812
Wilmer Campbell				
Penlope	4-0	18,500	4 3	797
Coral	2 1	15,359	4 0	618
Alwine Farms				
Rose	10 2	24,898	3 6	885
H Lucil	5-2	20,350	3 1	641
Charmer	5-2	24,627	3 4	826
Donald Miller Deemar				
34	4-3	15,844	4 0	637
Roy M Brubaker				
Ginger	6-11	20,142	3 7	741
Jewel 2	5-0	22,859	3 3	745
Elanor	4 5	20,245	3 5	699
Sharon	4 7	19,323	4 0	764
Spotty	2 4	16,935	4 1	693
Alicia	2-5	20,075	3 4	685
Sher Mar Acres				
100	5 2	16,670	3 7	615
84	5-0	17,978	3 5	633
44	6-1	16,426	3 7	610
116	6 11	20,507	3 8	787
Sharon	3-2	17,498	3 5	609
Paul E Clugston				
66	3 7	23,776	3 6	860
184	3-0	18,669	3 5	647
170	3-2	16,009	3 8	614
189	2-11	20,256	3 5	700
Al-Ty Farms				
Little 1	6 5	15,511	4 0	616
Seven Springs Dairy				
Eve	3 0	18,376	3 4	619
Scamp 21	2 11	19,402	3 5	678
M&J Farms				
Nabine	2 1	14,564	4 1	600
Earl Hoffman				
R141	9-0	19,647	3 1	601
26	6-1	18,767	3 6	673
Elwillo Farms				
70-R	6-9	21,982	4 0	879
1-R	4-9	23,135	3 4	796
76 R	4-2	17,185	3 7	640
48	3-4	18,174	3 7	668
112	2-0	17,941	3 6	652
3	2-2	19,592	3 3	638
Larry L Boyer				
Gnell	5 0	19,361	3 1	607

McKean Co. DHIA

October 1986

Owner	No. Cows	% Days	Milk Lbs.	Fat Lbs.
Charles Irons	83	87 4	19,613	785
John H Lapp	58	86 5	21,697	773
Thomas Spees	34	87 0	20,233	754
Orton Kinney	28	88 7	20,789	750
Mantz Farms	39	88 1	16,900	666

The following cows completed lactations over 850 fat during October 1986

Charles Irons				
Hillary	8-3	305	21,443	918
Jeans	4-6	305	22,559	984
Ariva	4-4	305	18,289	883
John H Lapp				
Lina	5-3	305	25,854	959

Adams County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

October, 1986

Name	Brd	No. Cows	% Days In Milk	Milk Lbs	3 Fat X Lbs
Milton R Hoffman	3	44 3	90 0	20,015	762
Kit-Way Farm	3	67 5	89 1	20,683	756
Kling Ayr Farms	3	34 6	91 4	21,336	753
Ray Dutterer	G3	67 8	88 7	18,998	733
Brown Valley Farm	3	70 5	87 1	19,663	702
Yelow-Buttercup Farm	3	160 1	88 4	17,682	699
M R & C S Durboraw	3	63 4	90 0	18,363	690
Donald Todt	B3	55.8	89 4	19,150	684
Leroy Deputy	B3	134.8	86 9	17,950	666
Zeppdale Farms	B3	121 5	89 8	18,264	655
Ber Crk	3	67 9	87 6	17,898	654
Stoner Bros Dairy	G3	76 6	88 0	17,874	639
Lagging Stream Farm	B3	122 8	83 7	16,274	638
Fred-ChrisMcGillvray	B3	58 5	85 8	17,454	634
Wayne H Rodgers	B3	100 2	86 0	18,063	629
Roy A Weaner Jr	3	56 1	87 8	17,323	628
Penn Gate Farm	3	76 7	78 1	17,106	624
Robert C Hoffman	3	26 1	84.4	17,235	621
Kraybill Miller	G3	39 1	91 9	15,884	618
Kevin S Holtzinger	B3	236 4	85 6	17,307	614
Adam F Lobaugh	3	43 8	86 8	16,583	612
M J Starner & Sons	B3	149 5	84 2	15,248	604
Leroy Basehoar	B3	69 3	81 4	15,078	601
George I Lauchman	B8	44.2	85 0	16,161	600
Holstein Supreme	G3	192 7	87 8	16,386	594
Rinker Bros	G8	42 8	87 6	16,065	594
Way Brite Farms	B3	136 8	87 2	16,515	582
Home Side Acres	B3	47 1	79 8	16,444	579
Frank Ludwig	B3	32 8	89 4	15,443	578
Robel Acres	3	78 9	88 0	16,921	577
Richard K Herr	B3	163 4	87 2	16,793	576
Weim Sharr Farms	3	77 3	83 5	17,374	569
Getty Acres	B3	184 0	83 4	16,208	565
R&K Cunningham	B3	46 7	87 0	15,713	561
M J Roche	B3	31 6	90 6	15,414	561
Grove Bros	B3	88 0	84 3	16,428	558
Buttonwood Farms	3	144 4	88 0	14,886	553
Larry Holtzinger	B3	45 2	85 2	15,671	552
Roger L Sprague	G3	61 0	87 0	15,257	535

(Turn to Page D16)

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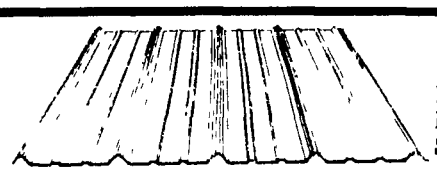

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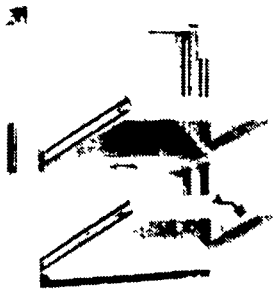

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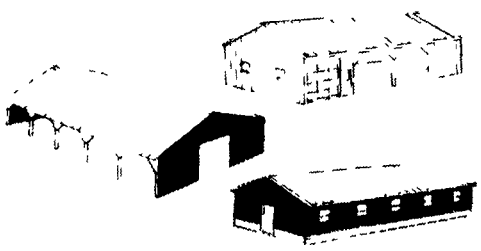

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Adams Co. DHIA

(Continued from Page D15)

Kehr Acres	3	80 7	85 4	14,105		534
Robert& Linda Meyers	B3	86 2	87 7	15,051		532
Pennstead Farm	B8	45 8	89 9	13,530		528
John J Hess	B8	145 4	84 6	14,819		524
Piney Lane Guernseys	B2	56 9	86 8	11,047		515
Pleasant Acres	B3	64 9	85 5	14,458		509
Robert L Rohrbaugh	B8	67 3	77 1	13,921		478
Shamrock Farm	B3	61 4	84 9	12,984		468
Hubert R Brown Sr	B3	58 4	81 0	13,001		459
H & W Farms	B3	64 8	75 2	12,287		452
Knud A Hermansen	B3	86 6	80 1	13,141		449
Rhodes Enterprises	B8	154 7	80 7	11,088		435
Oscar E Mehring	B3	34 2	82 3	12,244		433
James E Miller	B8	40 3	83 7	9,252		416

The following cows completed lactations during October 1986

Stoner Bros Dairy						
50	3	8-3	305	20,773	3 6	742
67	3	7 4	305	21,699	3 8	835
84	3	6-6	206	18,686	3 8	711
110	3	3-5	293	21,202	3 8	811
Brown Valley Farm						
Olinda	3	8-3	305	19,207	4 0	759
Alma	3	6-4	305	20,831	3 6	750
Hazel	3	6-1	305	23,298	4 3	998
Alert	3	4-7	305	19,465	3 8	747
Pat	3	4 3	305	22,078	3 3	723
Anna	3	4 1	305	26,891	3 4	916
A-Very	3	2-1	305	16,009	4 5	714
Pennstead Farm						
Erma30	3	5-10	305	22,033	3 6	798
M R & C S Durboraw						
D 11D	3	2 10	305	21,956	3 9	864
C 147C	3	3-6	305	20,877	3 5	735
M J Starner & Sons						
BS 54	3	7-7	305	17,027	4 4	750
11	3	6-8	305	24,335	3 9	950
TS 21	3	5-2	305	19,381	3 7	715
Donald Todt						
21	3	5-4	305	18,318	3 9	723
Kraybill Miller						
Jill	3	6-10	305	21,011	3 6	763
Diane	3	5-7	305	20,169	5 6	1137
Sally	3	4-7	305	18,934	3 8	718
Tara	3	4 1	305	21,177	3 8	800
Buttonwood Farms						
Judy	3	4-3	305	19,209	4 2	802
Lagging Stream Farm						
Nabisco	3	6-4	275	18,669	4 2	778
Elvira	3	5-3	283	19,013	3 9	744
Moped	3	2-11	283	14,246	5 1	722
Ray Dutterer						
Liz	3	10 5	305	19,624	3 8	746
Kit Way Farm						
Melissa	3	9 7	305	21,692	3 7	801
Robin	3	6 7	305	21,688	3 6	786
Bonnie	3	8 11	305	20,767	4 0	821
Lux	3	4 4	305	23,816	3 9	917
Miriam	3	2 11	305	20,245	3 6	727
Issue	3	7 3	296	27,222	3 0	830
Keef	3	5 2	305	22,619	3 1	707
Yelow Buttercup Farm						
124	3	6 6	305	20 406	4 3	875
93	3	5 11	297	21,358	4 0	863
87	3	5 3	305	25,321	3 9	988
138	3	4 1	305	18,104	4 2	761
116	3	4 3	305	24,398	3 5	842
42	3	3 5	305	16 722	4 6	777
26	3	3 2	305	18,922	4 0	766
Wayne H Rodgers						
52	3	6 8	295	19,688	3 6	700
Weim Sharr Farms						
149	3	7 4	305	25,256	3 4	870
Grove Bros						
59	3	3 5	305	24,316	3 7	893
36	3	2 11	305	22,694	3 4	764
Way Brite Farms						
117	3	5 10	305	17,024	4 1	700
87	3	3 2	305	18,039	4 1	740
Rinker Bros						
Fran	3	5-0	305	19,709	4 0	784
Rumble	3	5-1	305	16,978	4 2	716
Getty Acres						
417	3	5 9	305	17,954	4 0	714
546	3	3 3	305	21,491	3 5	755
Robert L Rohrbaugh						
49	3	7 5	305	21,281	3 7	787
Zeppdale Farms						
98	3	3 0	305	24,282	3 7	891
Ber Crk						
Pie	3	4 9	305	19,640	3 9	766
Monica	3	3 9	305	19,247	3 6	702
Milton R Hoffman						
44	3	5 4	305	21,290	3 3	700
10	3	4 4	305	20,428	4 7	962
Robert C Hoffman						
Myra	3	7-3	288	19,331	3 7	716
Larry Holtzinger						
26	8	6-4	305	19,984	3 6	717
Hubert R Brown Sr						
86	3	5 4	305	20,298	4 0	805
Fred-Chris McGillvray						
61	3	7-9	305	19,452	3 7	724
Kevin S Holtzinger						
R 35	3	2-1	305	19,222	4 2	798
R 436	3	3-11	296	21,463	3 4	734
R 437	3	4-1	305	23,389	3 3	777

Luzerne Co. DHIA

October, 1986

Owner	Brd	No Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Paul Stoss Jr	3	20 3	86 7	22,887	873
Robert Hough	3	57 2	86 6	19,624	716
Pecora Bros	3	175 0	88 0	17,583	665
Fred Shultz	3	59 7	87 4	17,088	662
Jack W Dent	3	40 8	80 2	17,510	656

The following cows finished their lactations with over 850 pounds fat

Fred Shultz						
Thoms 88	3	6 0	305	20,597	4 3	877
Pecora Bros						
1421679	3	5 4	305	23 241	3 9	915
Carl E Troxell						
8	3	3 0	305	23 470	3 6	851

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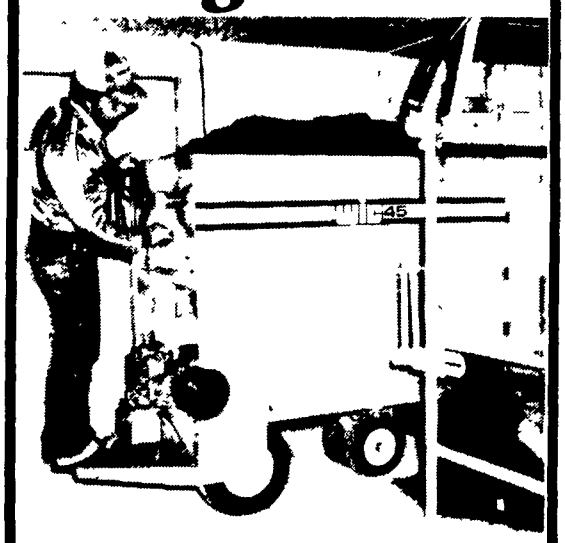

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Lebanon County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

October, 1986

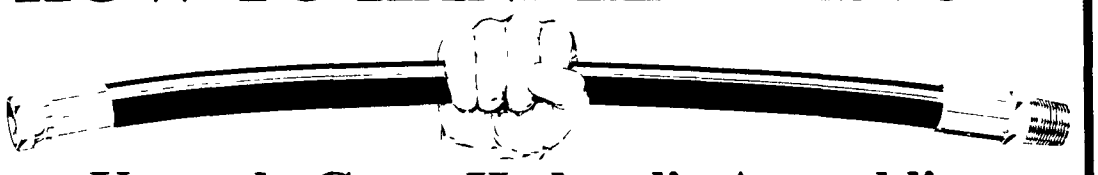
Raymond and Marlin Getz owned the high cow for the October 1986 testing period of the Lebanon County DHIA Their 5-year-old Holstein produced 24,170 pounds of milk and 1,103 pounds of fat

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
David Brandt	3	71 6	89 9	22,110	778
Roy H Weaver	3	54 4	89 7	21,240	764
Hoover Farms	3	132 0	85 1	20,213	746
Willow Maple Farm	3	48 0	90 2	20,012	744
Irvin Z Brubaker	B3	51 8	86 5	20,760	741
Donald G Hoffer	3	46 4	87.4	19,830	739
Marvin K Meyer&Sons	B3	92 8	88 9	19,689	732
Arthur R Krall & Son	3	70 9	86 2	19,534	723
Roy E Nolt	B3	64 1	83.5	20,188	721
Lloyd Burkholder Jr	B3	52 7	84 2	20,197	721
M Luther Bennetch	G3	78 5	87 3	18,799	719
Ferndale Farms	3	76 9	85 9	19,253	715
Raymon & Marlin Getz	3	57 3	86 6	19,095	714
Arnold Acres	3	119 5	88 0	19,815	713
Kenneth Mase	B3	98 4	87 4	19,110	712
Gary Lentz	3	69 0	87 2	19,928	712
Vincent A Wagner	3	60 0	85 7	19,513	709
Dale Hostetter & Sons	3	96 3	83 8	18,407	709
Leon M Burkholder	B3	49 3	90 8	19,076	706
James Z Brubaker	B3	52 5	88 6	20,219	705
Eugene Gingrich	B3	37 1	86 3	19,020	703
Kenneth I Sellers	3	64 7	87 1	18,470	701
Richard&Ronald Shirk	3	77 8	86 6	18,888	698
Willis Good	B3	62 9	87 7	19,729	696
David Weaver	B3	40.5	89.3	19,701	694
Robert Martin	B3	53 9	89 3	18,325	691
Wernerway Farms	B3	139 7	88.6	20,547	688
Fort Zeller Farm	B3	51 5	89.0	20,606	686
Hollow Pride Farm	B3	42 1	91.4	18,382	685
Reuben O Martin	B3	77 2	86 4	18,624	682
Philhaven Farm	3	101 1	90.2	18,786	681
Mark C Patches	B3	105 4	87 3	18,005	679
Gary Mase	G3	24 4	85.8	18,804	677
Twin-Maple Farm	B3	53 2	88 6	18,094	671
Hershey Bare	3	91.1	88 4	17,841	669
Harvey T Bomgardner	3	104 0	86 5	18,625	667
Harvey E Bomgardner	3	71 7	88 7	17,830	666
Robert B Smith	2	75 9	86.4	13,779	665
Marlin D Heisey	B3	52 2	85.6	18,337	664
John Brubaker	B3	56 1	88 9	18,510	659
Jay & Carol Hershey	3	43 4	84 9	19,239	658
Melvin M Nolt	B3	57 7	82.7	17,310	658
Phares Z Musser	3	83 9	86 6	17,210	657
Earl+Marilyn Smith	3	74 6	88 3	17,767	652
Kirby L Horst	3	51 4	85 3	17,530	652
Walter K Heisey	B3	54.2	88.0	17,678	652
Clyde E Deck	B3	68 8	85 0	17,921	649
DGK-Holsteins	3	47 0	85 5	17,923	649
Raymond K Martin	B3	51 2	86.0	18,738	646
Bucher Brothers	B3	40 4	83 0	18,970	645
Sonnen Springs Farm	B3	51.2	84.4	18,154	645
Sonnen Acres	B3	73.3	87.3	18,179	642
Mark H Bomberger&Son	B3	86.1	87.4	17,733	642
Richard Batz	3	41 4	91.0	17,579	641
Roy M Oberholtzer	B3	39.8	84.2	18,833	640
Louis E Martin	B3	43 7	85.6	18,483	*640
R&E Farms	B3	111 2	87.5	17,667	638
Eugene Martin	B3	97.4	86 2	17,601	634
Irvin & Ella Martin	B3	68.6	84 2	18,198	633
Larry G Shuey	B3	91 8	87.7	17,834	630
Alvin & Marian Martin	B3	63.4	86.5	17,543	629
David Eugene Reiff	3	52.6	86.5	18,617	628
Twin-Gro Holsteins	B3	52 2	87 6	17,147	628
Galen Bollinger	B3	155.0	91.5	17,502	628
David Himmelberger	B3	37.4	87 2	17,104	626
Daryl Balmer	B3	35 2	86.9	17,403	622
San Bo Holsteins	B3	70.2	83.4	17,271	619
Daniel B Shirk	3	35.8	90.9	17,624	618
Ma-Mi-Me Farms	B3	79.2	86 4	16,923	616
Moses O Martin	B3	70 8	89.1	17,448	615
Clifford+Fay Berger	B3	60 0	87.6	16,846	607
David E Zimmerman	G3	48 3	86.3	19,214	607
Ernest P Detweiler	B3	47 7	85.1	17,487	606
Mervin W Horst	3	52.1	86 1	16,940	606
Ramona Holsteins	3	78 8	84 0	17,246	604
Dennis Wampler	B3	89 0	86.0	16,566	604
George Ungemach	B3	82 1	87 4	17,176	603
Aaron Weaver	B3	77 6	86.5	16,658	601
Mark Copenhaver	B3	80 9	87.2	17,669	601
Gerald W Martin	G3	52 3	86 8	18,523	600
Richard C Elliott	B3	36 1	85.0	16,993	600

Willow Maple Farm						
G-Snap	3	4-10	305	26,711	3 3	872
Ferndale Farms						
Wonder	3	6-1	305	22,525	4 1	918
Margaret	3	4-7	305	20,107	4 1	833
O-70	3	3-6	305	24,457	3 7	907
David Brandt						
42	3	9-6	305	21,523	3 7	802
75	3	5-3	305	23,159	3 5	809
79	3	3-1	305	23,840	3 5	838
Harvey T Bomgardner						
Lynn	3	4-3	305	23,927	3 4	819
Marvin K Meyer & Sons						
Minnie	3	6-4	305	24,135	3 5	852

(Turn to Page D18)

HOW TO HANDLE PRESSURE



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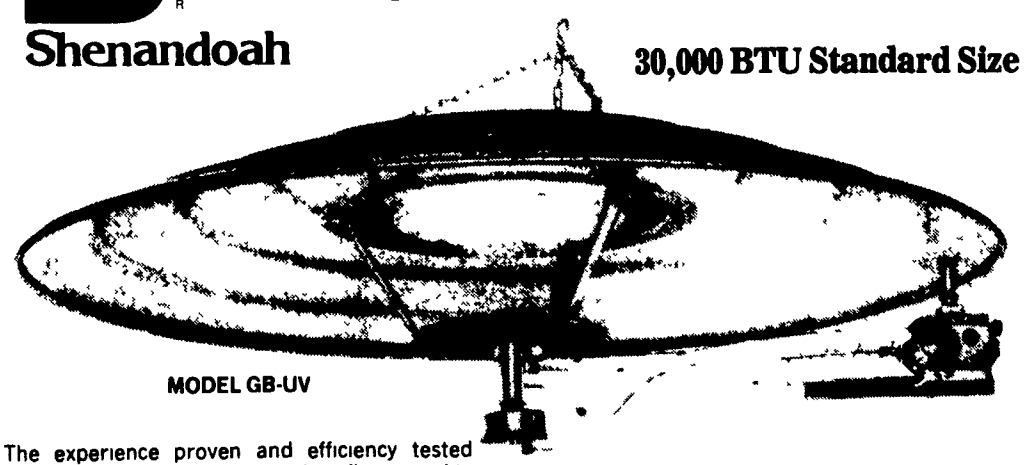

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Lebanon Co. DHIA

(Continued from Page D17)

Ernest Wagner						
280	3	5-9	305	21,370	3 7	801
Dale Hostetter & Sons						
59	3	6-2	305	21,222	4 2	896
122	3	6-0	305	23,928	3 8	913
M Luther Bennetch						
Brenda	3	7-5	282	22,191	4 2	941
Kassy	3	7-4	305	23,618	4 3	1004
Trudy	3	4-3	305	23,747	3 6	855
Richard & Ronald Shirk						
Donna	3	7-9	305	22,565	3 6	815
May	3	4-9	305	21,437	3 8	815
Mindy	3	4-5	305	23,549	3 5	829
Robin	3	4-3	305	23,927	3 4	808
Jesse L Weaver						
22	3	4-11	305	24,547	3 4	836
Mark Copenhaver						
113	3	6-3	305	25,786	3 1	800
160	3	4-9	305	23,445	3 6	851
Kirby L Horst						
Annie	3	5-2	303	20,982	4 1	859
Twin	3	4-10	305	22,122	4 5	1003
Clyde E Deck						
33	3	9-7	305	23,149	3 6	844
78	3	0-0	303	16,977	4 9	840
Arthur R Krall & Sons						
Angel	3	7-2	305	26,296	3 4	905
Hershey Bare						
86	3	4-0	305	18,221	4 7	850
26	3	3-4	305	20,893	4 1	855
Reuben O Martin						
Silver	3	3-1	305	22,031	3.6	800
R&E Farms						
7	3	7-2	305	24,077	3 7	901
206	3	6-4	305	25,246	3 4	861
Walter K Heisey						
56	3	5-7	305	23,727	3 5	840
85	3	4-4	305	20,856	3 9	806
Robert B Bollinger						
65	3	6-4	300	22,769	3 5	800
Mervin W Horst						
Cathrin	3	3-8	305	21,708	3 9	856
Walter M Martin						
23	3	9-5	305	26,540	3 5	929
Leon H Kline						
Iva	3	5-11	305	23,619	3 7	884
Bucher Brothers						
Ellie	3	7 3	305	27,026	3 4	927
Meadow-Wood Farm						
188	3	5 5	305	27,834	3 1	865
Richard Batz						
Misty	3	4-9	305	22,912	3 5	800
Becky	3	3-11	305	22,646	3 8	855
George Ungemach						
Y 19	3	7-8	305	21,520	3 9	844
Gary Lentz						
Virgo	3	8-3	305	26,799	3 4	901
Willis Good						
17	3	7-4	305	26,140	3 8	981
David Weaver						
Blackie	3	4 3	288	21,467	4 1	882
Earl & Marilyn Smith						
Jennie	3	4 9	291	23,373	3 9	915
Aaron Weaver						
69	3	6-1	305	20,367	4 0	817
17	3	3-2	305	19,115	4 4	837
Sonnen Acres						
Saga	3	6-3	305	26,126	3 1	816
Louis E Martin						
35	3	0-0	297	23,386	3 5	820
Jay & Carol Hershey						
Vera	3	6 0	295	22,474	4 1	926
Hoover Farms						
35	3	7-1	305	21,744	4 0	873
Hyat	3	4-1	305	25,184	3 9	989
Megan	3	3-5	305	25,926	3 5	899
DGK-Holsteins						
Jet	3	6-10	305	25,127	3 8	956
Kenneth Mase						
Tracey	3	6-1	305	20,414	4 0	814
Eugene Martin						
Sherry	3	0-0	305	23,272	3 5	808
Phares Z Musser						
55	3	6-2	305	20,713	4 6	957
Harvey E Bomgardner						
Sally	3	5-7	305	21,573	3.8	811
Suzanah	3	4-10	305	24,570	4 0	995
Juliet	3	3-5	305	20,897	4 1	863
Wernerway Farms						
85	3	9-3	305	23,133	3 9	911
78W	3	5-1	305	34,135	2 6	882
72W	3	4-4	305	28,465	3 0	842
79W	3	2-1	305	19,803	4 0	800
71W	3	2-1	305	22,486	3 6	805
Raymond & Marlin Getz						
Nola	3	5-4	305	24,170	4 6	1103
Gertie	3	5-2	305	24,086	3 9	928

Bucks Co. DHIA

October, 1986

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	3 Fat X Lbs
Theodore S Wilson	B3	47 0	86 4	21,220	755
Willow Ridge Farm	3	48 0	87.8	19,290	744
Delaware Val College	3	38 9	85 6	21,141	730
Bishcroft Farm	3	121 2	90 2	19,658	723
Raymond Gross	3	46 4	86 9	20,187	723
Richard O Smith	2	60.8	88 1	15,566	709
David R Wolfinger	3	41 2	86 8	19,991	707
Harry E Thompson	3	44 3	85 9	19,603	706
Moyers Village Farm	B3	86 2	86 6	19,423	704
George & David Bishop	3	104 4	86 5	20,523	703
Paul L-Kevin Bishop	B3	67 6	88 1	20,777	691
Walter&David Wurster	3	60 6	89 1	19,870	687
Rushlyn Farm	3	39 2	90 1	18,007	685
Earl H Ben E Landis	B3	32 0	89 1	17,654	684
Ken & Virginia Hager	B3	46 4	88 7	18,967	678
Crooked Acres Dairy	3	58 4	87 5	19,413	673
Robert-Donald Crouse	B3	67 0	87 2	18,940	670

(Turn to Page D19)

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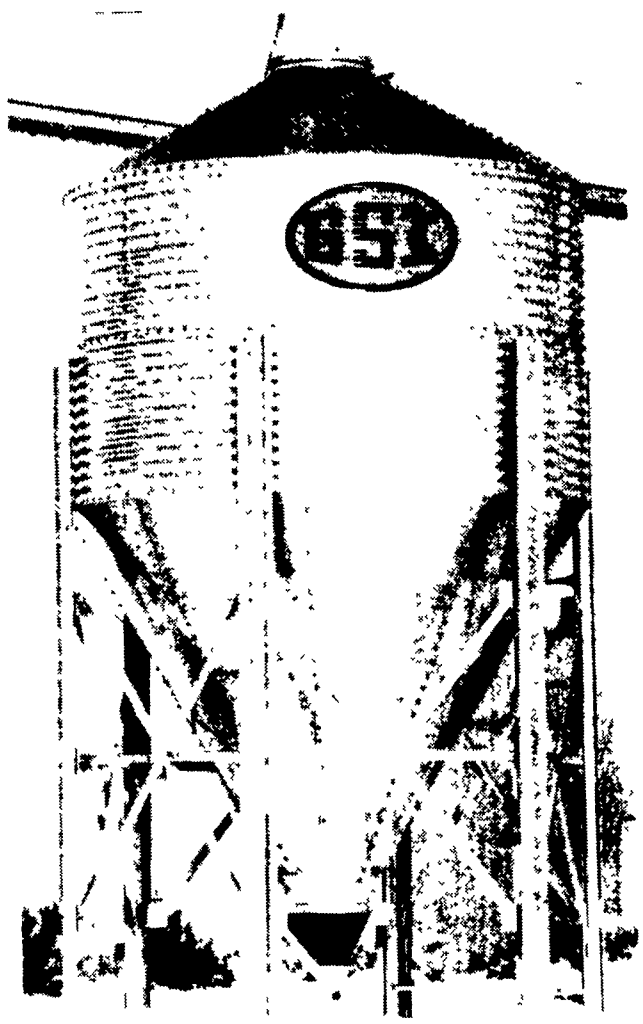

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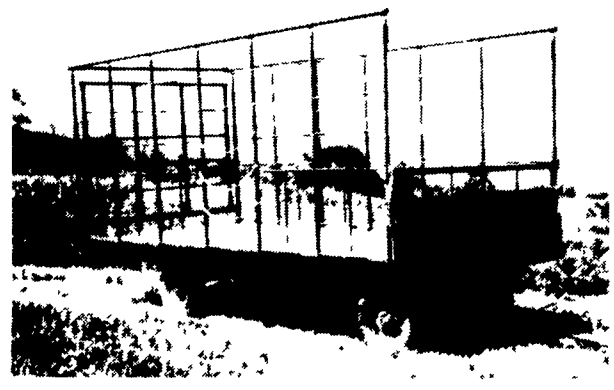

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Bucks Co. DHIA

(Continued from Page D18)

Penrose and James	3	82 1	83 6	18,087		660
James Pavlica	3	46.3	86 7	19,020		659
Robert-Barry Gehman	B3	66 1	88 4	18,166		656
Breezyvale Farms	3	90 7	88 0	19,283		654
Crooked Acres Dairy						
Cecilia	3	7-10	301	22,838	3 8	874
Bravo	3	4-3	303	19,832	4 4	878
Moyers Village Farm						
Barbara	3	5 0	305	21,904	4 5	994
Penrose and James						
Countes	3	4-3	305	26,761	3 6	969
James Pavlica						
Amanda	3	4-6	305	19 792	4 4	867
Willow Ridge Farm						
*219	3	4 5	304	24,109	3 8	924
Robert-Barry Gehman						
Sandie	3	8-2	305	25,790	3 5	890
Erma	3	3-8	305	22,848	3 7	854
David R Wolfinger						
Hannah	3	3 9	305	28,434	3 4	977
Breezyvale Farms						
Victori	3	4-3	305	22,648	3 8	860
Hester	3	4 4	305	26,203	3 3	861
George & David Bishop						
Faith	3	6-3	300	23,813	3 9	931
Lizzie	3	5-3	305	23 336	4 0	932

OUR NEWEST QUICK-ATTACH LOADER

BUSH HOG®

SERIES 2240 QT

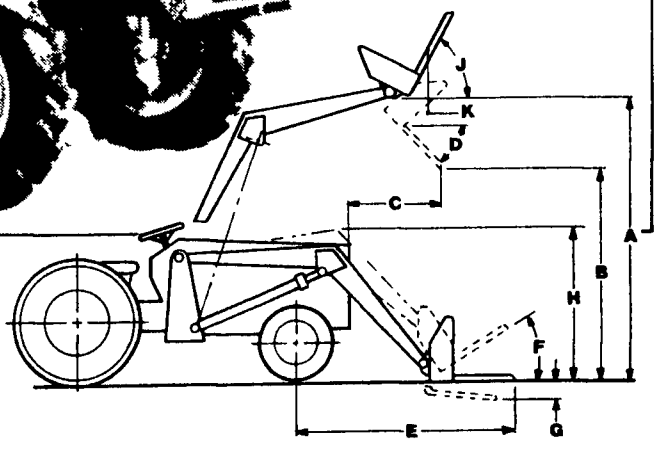
FRONT END LOADER

THE PERFECT LOADER FOR SMALLER HORSEPOWER TRACTORS...A HEFTY LIFTING CAPACITY AT AN AFFORDABLE PRICE

The new Bush Hog 2240 QT Front End Loader is ideal for use on small or large farms for barn cleaning, nurseries, smaller contractors and hobby farmers. Despite its small size, it delivers a full 1000 lbs of lift, making it a real workhorse for all material handling chores

Designed to mount to two and four wheel drive tractors, the 2240 QT attaches or detaches in less than three minutes— and it has a low mounting profile for good visibility You get a choice of 48 or 60-inch buckets with optional single lever hydraulic control and bucket leveling indicator

HERE'S HOW TO RAISE YOUR TRACTOR'S VERSATILITY AND LOWER YOUR WORK DEMANDS.



A. Maximum Lift Height: 98"
B Clearance with Attachment Dumped: 76"
C. Reach at Maximum Height: 25"
D. Maximum Dump Angle: 50°
E Reach with Attachment on Ground: 58'
F. Attachment Rollback Angle: 20°
G. Digging Depth: 4"
H Overall Height in Carry Position 51"
J Rollback with Loader at Full Height. 95°
K Lift Capacity to Full Height: 1000 lbs
Breakaway Capacity. 1500 lbs

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Two used 960, 16.5, 10 ply truck tires, $30 ea.; 2 Farmall Super C 9-26 tractor rims. 717-626-4191.

1954 Int. truck, 21,000 GVW, 12' stake body dump, good shape, runs well. $4,000. Northampton Co. 215-262-6486.

Apple firewood, $55 cord; Austrian pine Christmas trees, wholesale and retail. Columbia Co. 717-672-2638.

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825-20 dual wheel truck chains; gear box and apron for silage box. 717-665-4743.

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AKC chow chow puppies ready by Christmas, $150. SP22 vac. pump, no motor, $50. Snyder Co. David S. Horst, RR1, Mt. Pleasant Mills, PA 17853.

'78 Nova 2DR for parts, good front end, doors, engines, trans. tires, smashed rear. Berks. After 4PM, 215-987-6406.

Jamesway Hexapod for 14' silo; cable for 50' silo fits Jamesway or other ring drives. Lanc. Co. 215-445-5697.

Tired of stretch fabrics puckering while serging, The Viking 535D is the answer w/differental feed, special prices now till Christmas Lebanon Co. 717-866-5555

7' locust posts, $2. each; Steel wheels for NI manure spreader. Ben Stoltzfus, 55 Griest Rd., Nottingham, Pa. 19362.

90 acres, 11 room stone house, dual heat, barn, other buildings, close to town, schools. Som. Co. 814-267-4479

12 tons old ear corn, delivery available. Schuylkill Co. 717-467-3686 evenings.

Track loader, Oliver OC46, gas undercarriage, trans., engine, paint, A1 condition, $4,000. O.B.O. Balto. Co., near PA line. 301-374-9911 or 301-321-7919

IH 966, excellent condition, Best Offer, no reasonable offer refused; 2 horse Bob Sled, good condition. Howard Co., MD. 301-489-4717

Polled Hereford heifers, bulls by Bronsky, Granite, Justification. Reasonably priced. Contact Deitschland Farm, Womelsdorf, Berks Co. 215-589-5617 after 6 p.m.

NI 206 spreader, $1,400., NI 12A spreader, $1,100, Toledo hi speed meat saw, $800 All in good condition. Wash. Co, MD 301-842-3242

8 h.p bedding chopper, $450.; Ford tractor cab fits 3000 thru 4610 S U, $800. Franklin Co. 717-423-5594

1944 Ford 1½ ton stake body, runs good, $950.; 1971 Chevy ½ ton pickup, $250. Warren Co. 201-454-1866 evenings.

APPS-1985 loud bay Dandy San/Plaudit filly; Big, fancy, kind, $1,800.; 1982 chestnut/white mare. Super movers Balto. 301-592-5564

Overhead garage door, 8'x7', $50.; 4 large Jalousie windows w/screens and storm windows, $125. Cumb Co., NJ. 609-825-4129

Antique children's car, electric engine, 6 volt system, forward and reverse, very good condition, needs some lite work. T-Bird. Bucks Co 215-348-2513

Economy tractor, 14 h.p., new trac vac w/wagon, electric start, snow blower, $4,000. for all. Will separate. Del. Co. 215-565-4329

2 Registered Holstein heifers, due Dec. & Jan. Also 275 lb. butcher hog. Reuben Allgyer, R.D.2, Box 467, Parkesburg, Pa. 19365. Chester Co.

IH 350 disk harrow, $1,850.; Oliver drill, $650.; Ford 309 corn planter, $450.; Ford 6600, $9800. Make Offer. Berks. 717-933-8719

40' curb forms, $450.; Sidewalk forms, $200.; 2500 lb. scale, $800.; 6" steel shear, $500.; 8' aluminum brake, $500. Dauphin Co. 717-286-5306

Flat belt corn sheller w/cob conveyer, $150. Pike Co., Pa. 717-588-6350 evenings.

Jack Russell Terrier, imported from England, champion bloodlines, 11 months old, perfect markings, excellent stud dog, $200. Lanc. Co. 215-593-2085

Black Belly Barbadoes sheep, (2) Ewes, (1) Ram, not related, $300. Take All. Talbot Co., MD. 301-822-1057

From our herd 12 Charolais feeder steers, 450 lb. average, .75 cents. Also good quality hay, no rain, $110. Sch. Co. 717-345-4489

Farmall 300, 3 spool, live hydraulics, IPTO, good rubber, doesn't use oil, Asking $1,475. Columbia Co. 717-784-1240

Chevy pickup 78 heavy half 6½' bed, 2 tanks, bedliner, needs some rust repair. Price Negotiable. See in New Cumberland. 609-423-7245

Quarter horses, weanlings, yearlings, and 2 yr. old, fillies and gelding, $400. to $800. Berks Co. 215-488-6914 or 215-488-7131.

Trailers tilt flatbeds, plank floor, 15" wheels, 8' to 18', single & dual axle. Also horse trailer. Berks. 215-582-4434

Alfalfa hay, 1st, 2nd, 3rd cuttings, by the bale or ton. Berks. 717-933-8695

Registered Nubian Kids. Also Stud Service. Send for list. Breezy Timber Farm, 20325 Kirkwood Rd., White Hall, MD. 21161. 301-343-0026

Club calves, top show quality, from South Dakota, AI, crossbred w/"High Noon" and "Power Play", wormed, vaccinated. Carroll. 301-374-6088

6 Reg. Jersey heifers and cows, top bloodlines, good milkers, family or herd cows. Lanc. Co. 717-733-6997

Kerosene heater; Rabbit dishes; Scyth; 1984 Dodge Diplomat, 22,000 miles, real nice, $7,000. Montg. Co. 215-256-0731

Shenandoah wood stove Chester Co. 215-935-9256

Bucket-A-Day stove, very good condition, full water jacket, 36" high, $60., smaller one, $40 Schuylkill Co. 717-366-1227

Antique pump organ, made in Washington, NJ, $350. Schuylkill Co. 717-345-4994 after 6 p m

FOR SALE

Storm windows w/aluminum frames for house or hotbed and 3 awnings, all excellent condition. Chester Co. 215-459-9451

80 gallon hot water heater, $60.; Int. 12' transport disk and 2 roller culipacker, $550.; 1974 Datsun, good transportation, $700. Stanley Landis, RD4, Box 419, Apple Rd., Quakertown, Pa. 18951.

2 potato and grain bulk wagons, on 2 wheel trailers, 200 bu. capacity, $800. each. Lehigh Co. 215-395-1213

40 ton mixed hay, Timothy Alfalfa Orchard, no rain, $90. ton; Papac belt driven grinder, 16" mill, WD45, runs good. Montg. Co. 215-845-2813

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AKC female German Shepherd dog, beautiful black and silver, good watch dog, but no breeder. Best Offer. Leb. Co. 717-866-5355

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Pax Hog Feeders, similar to Smidley 6, 20 and (2) 24 hole feeders, good condition, cheap. Lanc. Co. 717-367-3820

B-61 parts, 10 spd. trans, 9 spd. Also heavy duty rear width 60/40 Page & Page suspension. Bucks Co. 215-244-1958 after 6 p.m.

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JD 2150 tractor; 2 yr. old Brahama bull, $500. Adams Co. 717-334-1824

Canaries, singers and hens, cages and supplies. John Ebersol, 1469 Georgetown Rd., Christiana, PA. 17509. In Nine Points, Lanc. Co.

Esko-poo puppies, apricot and white, very cute, ready to go. Lanc. Co. Christ K. Fisher, 3260-A E. Gordon Rd., Gordonville, Pa. 17529.

Suburban heater, burns wood/coal, good condition, $285. w/electric blower. David Glick, Gridley Rd., Lancaster, Pa. 17602. n/w of Strasburg.

AQHA colt, 7 months old, special price to 4-H er; Magic Chef gas range. Lanc. Co. 717-665-3393

62" wide skid loader bucket, excellent condition, $275. or Make Offer. JD KBA 28 disc. Lanc. Co. 215-445-5939

JD 60 w/cultivators, Best Offer. Oliver 2 btm. plow, Best Offer. S. York Co. 717-993-6116

Cotton twine; Soil sampling; Actival K&N foliar feed; Humus; Lime; All types fertilizers. FREE Literature. Raymond Stauffer, RD2, Stevens, Pa. 17578.

(2) White geese and (4) heavy roosters. Lanc. Co. 717-626-6517

1978 Buick Electra, all automatic, air cond., good condition. $1,795. Chester Co. 215-932-8633

AKC Minature Pincher, 8 weeks old, 2 males, nice markings. Stephen L. Stoltzfus, Box 64A, RD2, Honey Brook, Pa. 19344. Along Rt. 10, 1½ miles South of Honey Brook.

Hydraulic piston pump, 9 gpm, Williams in reservoir w/relief valve, ideal for elevator unit, A1 condition, $220. C. Stauffer, RD2, Ephrata, Pa. 17522.

48 sawed tapered Locust posts, 7' long, 5"x5" at bottom. York Co. 717-225-1512

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1200' poultry trough and chain for Big Dutchman feeder. Best Offer. Berks Co. 717-933-8518 after 7 p.m.

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JD 4010 tractor, good rubber, canopy, good cond.; $3,800; NH 346 tank spreader for parts or repair, new lid. $350. Lanc. Co. 717-786-4329.

181.19 acre farm, 42 stanchion barn, silo, 9RM house, 90 tillable, creek thru property, good hunting, $130,000. Bradford Co. 717-297-3923.

Powermatic thickness planer Model 180, knife grinding attachment, $375; 5HP motor, starter, parts for direct drive change over, $475 Cash. Montg. Co. 215-754-7366.

Spring harrow, $175; AC 10' disk, $875; rotary scythe, $475; Int. 2B plow, $475. Lanc. Co. 717-687-8893 or 687-7260.

Jack Russel Terrior pups, excellent bloodlines, nicely marked. Ready to wean for Christmas. Lanc. Co. 717-866-6591 days, 717-626-0232 eves.

Alfalfa hay wanted to buy shelled corn. Bedford Co. Jim Pennel, 814-766-3310.

FREE: Homebuilt trailer fertilizer distributor. Needs work. N. Berks. 215-562-8766 eves.

SKF pillow block roller bearing. Units fifteen 2 15/16, two 3 7/16, $25 ea. Harman SF160 wood/coal hot water furnace, $800. Perry Co. 717-834-3882.

AC D19 tractor, gas, new overhaul, painted, WFE; new & used Vermeer round balers; NH, MF & IH haybines; rakes, tedders & mowers. Westmoreland Co. 412-423-4076.

Viking has a sewing machine for everyone, beginner, under $400. up to the professional that does it all. Lebanon Co. 717-866-5555.

Registered Belgian Mares, 1 yr., 2 yr., half sisters, Farceur bloodline. Indiana Co. 412-254-2406

Stainless steel bottom hog feeder, 6 & 8 hole, 8 ft. fiberglass overhead door. Alvin M. Lapp, 5459 Buena Vista Rd., Gap, PA 17527.

Mule, gentle, coon hunts and trail rides, 10 years. 609-261-0897. Burlington Co.

JD 2030D, 2000 hrs. Weaverline 430 stainless steel feed cart. 10 calf hutches. 1970 Ford F250 PU. Montg. Co., 215-489-9358.

2 Wood Bros. corn pickers for parts. First $25 takes both. 717-733-6698 or 717-738-2573. Lanc. Co.

Large winch with cable, 2 ton feed mixer, belt lacing machinery. 717-529-2528. Lanc. Co.

DeLaval milker pump, VP76, used 9 month, $795; NI 12A spreader, $595; Grimm hay tedder, $695; H Farmall, wide front, clean, $1375. 717-354-0266.

German Shepherd Breeders. Also, Standard Poodles, Cocker Spaniels, Labrador Retrievers, Bishon Frise. Also, puppies available. Berks, 717-933-8695.

Manure spreader, 214, New Idea, 3 beater, good condition, $1500. New Freedom, York Co., 717-235-1624.

Speed Queen wringer washer and two portable tubs, $40. 215-267-3986. Lancaster Co. after 5 p.m.

7 Male police dog pups, $25 ea. 3 Space heaters, $25 ea. 1951 6-cyl Ford motor, $150. 8N Ford pulley, $100. Easy copper washing machine, $150. 215-932-2764.

Volcano wood & coal furnace, optional hot water hook up. Best offer. 215-255-5139. West Grove area.

Cypress lumber, very good condition. Also loader bucket for 16 or 18 hp tractor and round-up and goal herbicide. 717-529-2554.

1967 GMC V-6 w/5+2 trans., 19' Oak bed, 4' sides, 21,000 GVW, good cond., York Co., 717-292-6163. Eves, 717-292-4677.

Ravens, 40' flatbed, new suspension, $4250. 301-287-5277, Cecil Co.

Ram zero radius 30" riding lawn mower with 8 hp Briggs & Stratton engine. Also, Craftsman push mower. Cumberland Co., 717-776-3417.

1966 4x4 Scout, 4 new tires, wagon wheels, excellent condiiton, moving, must sell. 717-933-5823. Berks Co.

JD 7000 corn planter, Cagle 750 gal. sprayer, tandem axle, fert. spreader, wheel rake, JD 70 gas. Franklin Co., 717-264-3300.

Case 230 Baler with thrower, nice cond., $475.; Chord organ with books, good cond., $50. Union Co., 717-966-1561.

1984 LTD Crown Victoria, 4 door sedan, excellent condition, no air. 717-682-9298 after 6 p.m.

Ford 630 Combine, 12' grain head, 4RN corn head, good condition. Oliver 1R corn picker and 2R mounted picker for parts. Snyder Co., 717-374-4292.

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Four truck tires, 7.50x20, 50% mud and snow tread, $150. Leb. Co., 717-469-0273. No Sunday calls please.

10x55 mobile home, $500. 12' silo roof, IH H cultivators, 9' cast iron water trough, Knight wood coal stove. Lehigh. 215-285-6876.

Dowle throw switch, saws, 1 horse cultivator, car chains, corn sheller, cast iron pans, 1 set tires, like new, 1 tire 13. Berks Co., 717-933-4569.

Oliver hydraulic reset plow, 4 bottom semi-mount, $800/obo. Int. 101 ground drive spreader, $350. Franklin Co., 717-532-3989.

1982 Ford F700, like new, 7500 mi. 8.2 Liter diesel 5+2 sp., 27,000 GVW, 16' alum. dump body, air brakes. Montgomery Co., 215-584-5168.

Heavy duty wide front end to fit John Deere 620, 630, 720, 730, $500. Dauphin Co., 717-692-3827.

IH 1456 Dsl. with cab. Fulton Co., 717-485-4512.

1985 Comptons Encyclopedias, excellent condition. Also, Young Childresn Encyclopedias, still in box. All for $350. Perry Co., 717-834-5286.

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IH hammermill with traveling feed on trailer, $250. Lanc. Co. Call after 4:30, 215-445-4893.

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Three ponies One 2 yr., one 4 yr., one old, $100 for all. York Co. 717-244-3534.

Home Comfort wood range warming closet, reservoir, $200; rebuilt 1955 4WD jeep ¾ ton stake body, nice, $1,250. Adams Co 717-679-6721 or 9523.

100+ acre farm for rent for entire deer season. Many good stands and trails, $300 or Best Offer. Montour Co. 717-437-2431.

Ford big round baler, excellent condition; Vicon V wheel hay rake, 12' Oliver disk dump wagon. Reasonable. Lycoming Co. 717-634-3222.

Wing Featherfin variable heater, 1,000 lbs., hydrastatic pressure, size 25, $500 neg. David G. Fisher, 2849-B Lincoln Hwy E, Ronks, PA 17572.

Scotch Highland bred cows, calves, peafowl, shoats, bred dairy heifers, geese, sika deer males, buffalo bull calf Schuylkill 717-889-3675.

Micro 44 1½" traveler, 395' hose, used one season; also used 2" pump with dsl. engine Union Co. 717-966-3794.

1966 Ramb ambass 2DR, H-top, 327 engine, air; 1976 Buick 225 Both cars sharp Choice $1,995. Perry Co 717-444-3606

U.S Berkel 10 in. meat slicer, rebuilt, like new, $225; hot water utility room, radiator 56x24", enclosed, $20. Perry. 717-567-6445

Viking 990 computerized, thinking writing, sewing machine, hundreds of stitches, purchase on sale before Christmas and receive a cabinet FREE Lebanon Co. 717-866-5555

Houghton jog cart wooder shafts, $300, black w/white pin strips. 717-665-3437

Super 66 NH baler, good shape, $400. Adams Co. 717-359-5506 eves

NH metal silag. wagon, 8 ton running gear, $500 for forage harvester w/three heads, $700. Littlestown, Adams Co. 717-359-5160.

NH 2HP on original cart and paint, 4HP upright Little Giant baler, first flues. Lanc. Co., PA. 717-354-9939.

100' flex auger, 5 ton Brock bin, 8 milking parlor feeders, 5 sets IBA silicone inflations, Make Offer. Lanc. Co. 717-548-2893.

Dunham gravity wagon, 11.2x28 tractor chains; 1984 D50 power ram, loaded; Oliver 3B pull type plow w/cylinders. Berks Co. 215-683-5269.

NI manure spreader, small size, good shape, treated lumber in 1982 not used much, $400. York Co. 717-252-2317, 7PM on.

Bushel Crates, $2, in lots of 50 or more. Lanc. Co, PA. 717-872-2670.

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(Check one)

$8.50 - 1 YEAR
$15 00 - 2 YEARS
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☐ NEW SUBSCRIPTION
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ENCLOSED IS A
☐ CHECK ☐ CASH ☐ MONEY ORDER

(To help correctly code your address please furnish COMPLETE address As an example include number of the dwelling street name city and state When appropriate include other specific information such as suite apartment floor box number etc If you have an R D please include Box Number)

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STREET ADDRESS _____
RD # _____ BOX # _____
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FARMASTER

Total Mixed Ration with Tumble Mix Rotation

Choice of 2 Scale Systems

Mix Grain, Vitamin And Mineral Supplements Thoroughly, Efficiently - With The New Compact FarmMaster Grain Blender

PAUL B. Zimmerman INC.

FARM & BARN EQUIPMENT

- Blocking Chute
- Automatic Headgate
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- Suspended Comfort Stalls
- Hay Feeders
- Loop Stalls
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- Farrowing Crate
- Feed Thru Fence
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GLENWOOD METAL SPECIALS
29 Gauge Painted Steel

- Gold
- Tan
- Dark Brown
- Dark Blue
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For Only **$38.00** Per Covered Sq.
While Supplies Last

Plus Our Regular Metals - We Will Cut To Any Lengths

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ROBERT N. ZIMMERMAN
R.D. #2, Box 299 Newville, PA 17241
(717) 776-5951

FARMERSVILLE AUCTION

TUESDAY, DECEMBER 9, 1986
3:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

Selling for Wm. Eibel, Duke St., Lanc. plus additions.

4 pc. blonde bookcase bedroom suite; mah. poster bed; Westinghouse side x side refrigerator; small upright freezer; Westinghouse heavy duty auto. washer; 24" older type gas stove; wooden utility cab; base cabinets; 2 - 2 drawer filing cabinets; drop leaf Empire sewing stand; nice Art Deco bedroom suite; modern bedroom suite; 3 pc. vinyl living room suite (as is); end tables; square stands; wooden rocker; wooden breakfast set w/tuck in leaves; recliners; barrel back chair; chests of drawers; religious pictures; cedar chest; chifferobe; hall tables; Empire chairs; odd dressers; bookshelves; gate leg table; round card table & chairs; gas heater; oak dressers; box springs & mattresses; maple open hutch; wire cage; Early American loveseat; platform rockers; humidifier; Electrolux sweeper; sleds; bicycles; folding cots; bridge lamp; school desks; cement mixer; Christmas decorations; lots of tools; box lots; dishes; etc., etc.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
(717) 354-5095

Auctioneer: Lester Weaver
AU-982-L

1987 calendars are here. Consignments being accepted for our New Year's Day Antique Sale.

Lancaster Farming

PHOTO ORDER FORM

As a service to our readers, Lancaster Farming offers you the opportunity to order prints of the photos that appear in the paper. If you would like to order a picture, please complete the form below and mail it, along with a check made payable to Lititz Record Express, Inc., to Photo Order, Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

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Only ads submitted on this official form will be published in our mailbox markets

Please NO PHONE CALLS

(Attach Your Mailing Label Here)

Check One:
For Sale ____ Notice ____ Wanted ____

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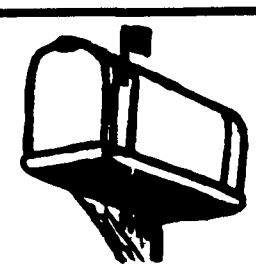
17	18	19	20



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market Subscribers using the Mail Box Market **MUST** use this form with mailing label attached and will be governed by the following rules

Limit your advertisement to 20 words; area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Monday or same will be held over for next week's paper, no business ads accepted

Include your Lancaster Farming mailing label and mail to

Mail Box Market
Lancaster Farming
P O. Box 366
Lititz, PA 17543
No Phone Calls Please

FOR SALE

Sausage stuffer, 100lb. capacity, foot or hand operated. Lanc. Co. 215-445-6142.

Female, none reg. 3 mo. old border collie $15. On Frogtown Rd., S. Intercourse along Pequea Creek. A.G. Esh, 366-A Osceola Mill Rd., Gordonville, PA 17529.

1978 Volkswagon dasher hatchback, dark blue, good on gas. $500 OBO. Lanc. Co. 11AM-11PM, 717-548-3154.

1985 Olathe Brush chipper, 25 hrs., twin cylinder Briggs, new condition. New $3800. Sale $3200. Berks Co. 215-683-6260 eves. 215-683-8935.

HAY: Timothy, 700 bales, M/L. You haul. $1 per bale. Must take all. Western Berks Co., PA. 215-593-5624.

80 Quakermade chicken nests (roll-a-way) w/winch, 15 holes per nest. Best Offer. After 6PM, 717-933-8518. Berks Co.

Morgan stallion rides, drives, quiet; ¾ Arab Morgan mare bred for 87 to Morgan. Berks. 215-689-4124.

Two Minnich tobacco bale boxes, new two years ago, $130 a piece. John K. King, 3363A Scenic Rd., Gordonville, PA 17529. Lanc. Co.

2 Stewart clippers, almost new, $50. each; Bray breeding calendar w/150 new numbers, $100. Lanc. Co. 717-464-3585

Generator portable 2400 watts, 110 volts, 8 h.p. Briggs engine, good condition, $225. Cash. Lanc. Co. 215-267-7049

1972 GMC 1500 Van, was Weiner Van at Fairs, has elect. outlet, 4 spd. trans., 53,000 original miles. York. 717-244-2649

Silkies, approx. 500 to 800, Best Offer Over $5.00 each. Will Deliver. Fayette Co. 412-736-4063

JD 8' lever harrow, new runners, shovels turned, good condition, $175. York Co. 717-235-2032

Wilform Jog Cart, $150.; 16' hay conveyor, $100.; Industrial scrub bucket, $10., Beautiful female Pygmy Goat, $50. Berks Co. 215-777-1594

JD 45 combine square back, pickup reel, 12' grain head, 1967 model, excellent. Also 2 row stalk shredder Berks 215-682-6713

Hesston 5600 5'x6' round baler, field ready, $2,600.; Also JD 3010 pedal tractor w/trailer, $160. Western Berks Co. 215-589-4308

20x36 2 story shed to be disassembled, excellent condition, hand hewn beams, wide weatherboard siding. Northampton Co. 215-258-0904. Leave Message.

Toys: Farmall M; JD M collector; AC G w/plow. 717-872-5144

540 Int. manure spreader w/endgate, hauled about 20 loads, like new. Best Offer. 215-273-3993

7½ h.p. 24" surfacer self feeding, good condition. Lanc. Co., Pa. 717-859-2221 or 215-267-4091

Reg. Jersey Heifer, due Dec. 24th, Top Brass Daughter, out of a Favorite Saint Dam, $650. Lanc. Co. 717-768-8378

78 Ford Mustang for parts, good 4 cyl. engine, trans., and rear, $100. Firm. Lanc. Co. 717-872-5263

I Beam 4"x10"x16', $50.; Argon cylinder for TIG welder, $75.; Walnut lumber, Oak firewood. Lanc. Co. 717-872-7619

JD 80 Lindeman crawler, $2,975.; AO on rubber, $1,150.; AR on steel, $1,550. Lanc Co. 717-392-0311

Gas & diesel engines w/clutch & 540 reduction available. Shirk Repair Shop, R.D.2, Ephrata, Pa 17522. 717-859-2797

Old Maytag washing machine, with no engine, $10.; Fairbanks platform scale, 1,000 lb. cap., $80.; Pile roofing tin, for siding, about 150 piece, $50. 717-354-0616

Steel wheels 48" high, 12" wide, no centers, good condition, $100. Lanc. Co. 717-656-2615

84" 3 cushion sofa, tan, fair condition. Lanc. 717-733-4890

Used milk tank, 3 h.p. Tecumseh compressor, good working condition, $200. 215-445-7925

7' Meyers snow plow, $195. Lanc. Co., Pa. 717-285-4770

Reg. Quarter Horse Gelding, chestnut, 11 yr. old, very attractive and well broke, quiet, English & Western, $650. Susquehanna. 717-756-2968

Worthington tractor, dual wheels, 6 cyl. engine. Make Offer. Must Sell. Montgomery. 215-489-3527

Troy tiller, furrow out plow w/tractor tires, wrap around guard, like new, $900. Franklin Co. 717-597-2431

Reg. Paint Horses, super disposition, show quality, priced to sell. Blair Co. 814-832-2592 after 5 p.m.

Int. 190 truck, tandem, cab & chassis, 549 gas, 5 & 3, long wheel base, power steering, $1,800. No Checks. Bucks Co. 215-536-5175 after 5 p.m.

IH 175 bu., 3 beater manure spreader, in good condition; 9 yr. old Standardbred carriage horse, traffic safe, sound, good old man's horse. Lanc. Co. 717-859-2374

Shoe repair equipment. 717-656-6727 Evenings.

Hyd pump, 5000 PSI, 50 h.p. elect. motor, 1 phase, 7½ h.p. water pump, 8" 40 h.p., 225 amp, panel w/18 breakers. 215-286-0084

JD 1020, $3,300; Cyclone B, $800.; Ford 6000 w/5 bottom plow, $3,500.; Farmall H, $800.; 4 horse trailer, $1,600. Dauphin Co. 717-566-6145. Late or Early.

JD 3 bottom 16", 3 pt. plow. Chester Co. 215-593-6958

Netherland Dwarfs: REW's 2 Does, 2 Bucks. Make Offer For All 4. Berks Co. 215-582-2587 after 5:30 p.m.

Set of 1010 JD crawler tracks; Frick 2 saw edger. Carroll Co., MD. 301-239-8055

Water bowl (poly), needs no heating element. Lanc. Co. 717-768-3218

Potato planter, Oliver 2 row w/fertilizer hoppers, good condition, $150. or Best Offer. Cape May Co. 609-861-2309

NH 679 tandem axle spreader, like new, only used for saw dust, $2,850.; JD 3020, $5,500. Wash. Co., MD. 301-733-3393

ONION & POTATO EQUIPMENT AUCTION

FRI., DEC. 12, 1986

At 11:00 A.M.

At 7620 Ivison Road, Byron, NY. Located 6 miles northeast of Batavia, just north of Route 33.

CRAWLERS, TRACTORS, & TRUCKS: Case 350 diesel crawler w/ROPS cabs & 6-way blade; Case 350 diesel crawler w/3-pt. PTO and field lift; 6-way blade for Case 350; Cat D-2 w/hydraulics; Oliver OC-4 w/hydraulics; HG crawler; OC 3 w/sprayer w/stainless steel tanks; Ford 4000 gas industrial tractor w/loader & backhoe; Ford Country Super 6 #1124; Ford 4000 gas row crop (WFE); AC G w/pullers; two AC G's (one for parts; AC G w/hydraulic pullers; AC G w/stainless sprayer; Farmall Super C w/3-pt and wide front; Farmall M w/mtd sprayer; IH C 340 gas field lift; Utica Bend 6 x 6 truck w/21' Diamond plate deck; front mtd. winch; Curtiss Wright 6 x 6 w/18' steel deck; 1971 Dodge D600 w/14½' rack & hoist; 1960 IHC R190 cab & chassis twin screw (for parts; Ford F600 w/new rubber (for parts); 1976 GMC Suburban (for parts); two tow motors for parts; Clark forklift w. rotator (for parts).

TILLAGE & PLANTING EQUIPMENT: Shuknecht-Stanley 8-row precision planter; Planet Jr. 8-row planter; JD 410 4-row potato planter; Iron age 2-row potato planter; Oliver 574 4-btm auto-reset plow w/Teflon bottoms; Graham 11-shank plow; 7' offset disc; Hardie Hi-Wheel sprayer w/45' boom; 3-pt. fertilizer spreader; Gandy 10' fertilizer spreader; 1460 feet of 3" irrigation pipe; 1200 feet of 4" and 1055 feet of 5" irrigation pipe; Packard irrigation pump.

HARVESTING EQUIPMENT: Three 2-row airflow onion harvester; one 1-row airflow onion harvester; AC 2-row potato harvester; JD 2-row potato digger; 18' McConnell bulk body; two 14' McConnell bulk body.

PALLET BOXES, SIZING & GRADING EQUIP.: Approx. 2000 20-bushel pallet boxes; two dumper boxes; 12 pieces of Boggs onion and potato grading and packing equipment from several lines w/motors, reducing gears, and chain 18", 26", 36" and 48". Haines brusher 8' x 26"; two onion toppers 7' and 4'; 18' x 16" chain elevator; assortment of scales; assortment of heaters; Macheta Airfoil 48" fan w/7½ HP; Dayton 46" fan; plus other assorted items.

MISCELLANEOUS: 6' Bushog; 2 welders; oxypropane torch; container; stapler; and other misc. items.

TERMS: Cash or good check day of sale with ID, out-of-state buyers checks accepted with a bank letter of credit.

WILLIAM KENT, INC.
Sale Manager & Auctioneers
Stafford, NY
Ph. 716-343-5449 or 548-7738

POLYETHYLENE TANKS

Early Order Sale

6500 gal. tank w/3 HP 2" pump, 100; 2" PVC hose w/2" valve and 10, 2" assorted cuplings. Total Sale Price $2,700

1600 gal. tank w/2" valve, 30', 2" PVC hose and 2, 2" couplings, $535

1100 gal. tank w/2" valve, 15', 2" PVC hose and 2, 2" couplings $415

Other Size Tanks Available
Limited Quantities
Sale prices only to Dec. 16, 1986

1½", 2" and 3" PVC hose, rubber hose and couplings at wholesale prices.

Thomas Bachman & Son
2501 Fallston Road
Fallston, MD 21047
301-557-7529
301-836-6877

PUBLIC AUCTION

28 M/L ACRE FARM
FARM MACHINERY,
HOUSEHOLD GOODS
A SEPARATE 1 ACRE BUILDING LOT

SATURDAY, DEC. 20, 1986

SALE TIME 10 A.M. REAL ESTATE 1 P.M.

Located: Take Rt. 272 So. of Lancaster, Pa. approx. 11 miles, turn East on Schoolhouse Rd., to Cinder Rd., turn left continuing back on Schoolhouse Rd. Or Take Rt. 222 So. of Lancaster through New Providence, turn right on Cinder Rd., turn left on Fairview Church Rd., turn right on Schoolhouse Rd., Prov. Twp. Lanc. Co.

1 ACRE BUILDING LOT ALONG FAIRVIEW RD.

REAL ESTATE: Consists of a 2½ story, 6 room frame house w/3 rooms and bath on the 2nd floor and 3 rooms on the 1st floor. Attic, basement, partial storm windows & doors. Adjacent pump house, hot water oil heat, matured shade trees.

THE BARN: A 2 story frame structure w/adjacent implement shed, silo, pig pens, corn crib & wire crib.

AUCTIONEERS NOTE: Your opportunity to purchase a small farm w/25 acres of good tillable soil. This property has road frontage along Schoolhouse Rd. and Fairview Church Rd. Zoned Agriculture.

INSPECTION DATES: Nov. 29 & Dec. 6, from 1 to 4 P.M. TERMS: 10% down, balance upon settlement.

Massey Ferguson 35 tractor, cultivators, front end manure loader; G Allis Chalmers, new tires, good cond., cultivators, wheel weights; JD disc grain drill; 7 ft., #5 JD mower; New Idea 1 row corn picker; New Idea manure spreader; Allis Chalmers combine; Allis Chalmers 2 row corn planter; 30 ft. Little Giant elevator; 28 section disc; 3 section spring harrow; 8 ft. cultipacker; 3 point weeder; rubber tired wagon; JD bin wagon; Hershey 2 row tobacco planter; tobacco hoer's; double set of tobacco ladders; Minnich balen box; 2000 tobacco lathe; 32 ft. alum. ext. ladder; milk cans; XL 30 weedeater; Allis Chalmers riding mower.

2 washstands; chest of drawers; dresser; vanity; pine corner cupboard; sm. table w/drawer; library table; rocker; 3 iron beds; metal wardrobe; bookcase; desk chair; kitchen table w/5 chairs; Whirlpool refrig.; Sears chest freezer; Caloric gas stove; Kelvi. wringer washer; pudding crocks; picture frames; 12 ga. pump J.C. Higgins shotgun. Not responsible for accidents.

Items to numerous to mention. NO OUT OF STATE CHECKS. Refreshments

TERMS BY
ELWOOD & BERTHA E. EVANS
AUCTIONEERS CONDUCTING SALE:
LLOYD KREIDER AU000513L, RANDAL KLINE, ROY GOOD, GARY SHIRK
717-786-3394

KREIDER & KLINE AUCTION SERVICE

It's Not Too Late!

TOPDRESS ALFALFA: Apply now and reduce winter kill.

ALFALFA FALL WEED CONTROL: lowest cost and most effective time to treat for chickweed and winter annuals.

LIME: Eliminate the spring rush and compaction by liming now. We offer prompt truck spreading of Martin's Ag Limestone.

SOIL TEST: Now so you can do your planning this winter.

DON'T WAIT, CALL US TODAY At 397-5152
For All Your Needs

MASTER FARMER FERTILIZER

Organic Plant Food Co.

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AG SERVICES

50 Years Serving Lancaster County Agriculture And Proud Of It!

2313 Norman Rd., Lancaster, PA
(717) 397-5152
Mon.-Fri. 7 AM-4PM; Saturdays 8 AM-12 Noon

PUBLIC AUCTION

16TH FARM MACHINERY CONSIGNMENT AUCTION

SAT., DEC. 13, 1986

AT 9:30 A.M.

LOCATION: Jim Trout's Farm, 10104 Dublin Rd., Walkersville, MD. From Frederick, MD take Rt. 15 North approx. 5½ miles to Biggs Ford Rd., turn right go approx. 1½ miles to Dublin Rd., turn left, approx. 1½ miles on left. Follow Sale Signs.

18 TRACTORS 18

1981 INT 3888 2+2 diesel w/cab & air, 1490 actual hrs., 18.4x38 rubber, exc. cond.; 1981 CASE 2290 diesel w/cab & air, 950 actual hrs., VG cond.; INT 1466 diesel w/all weather cab, wide front, 3 pt. hitch; FORD 9700 diesel w/roll guard, wide front, 3 pt. hitch; INT 1086 w/all weather cab, wide front, 3 pt. hitch; INT 966 diesel w/all weather cab, wide front 3 pt. hitch; INT 856 diesel w/cab, wide front, 3 pt. hitch; JD 4020 w/power shift, 3 pt. hitch; (2) INT 656 diesels, (1) w/hydro trans, wide front 3 pt. hitch, (1) w/narrow front, 3 pt. hitch; INT 560 diesel w/narrow front, fast hitch; INT 450 gas tractor; OLIVER 550 w/1610 loader, wide front, 3 pt. hitch; OLIVER 1950 diesel tractor w/wide front, 3 pt. hitch; MUSTANG 545 skid loader, Perkins 4 cyl. diesel eng., new rubber, VG cond.; JD 212 lawn tractor, VG cond.; (2) JD 110 lawn tractors.

OTHER EQUIPMENT

INT 550 forage harvester w/direct cut head, 2 row corn head & pick up head; JD 112 forage wagon w/roof; GEHL T/A forage wagon w/roof; INT 370 transport disc harrow; LANDAU pull type 7' chisel plow; WHITE 543 4 row corn planter; JD 290 2 row pull type corn planter; JD 7' transport disc; MILLER 10' transport disc; NH 77 hay baler w/gas eng., shed kept VG cond.; JD hayrake; NI 218 manure spreader w/top beater & hyd. gate; JD pull type haybine; INT 2000 loader; 12' springtooth harrow; ONAN PTO generator on cart; 6' box scraper; 3 pt. EZZE flow spreader; 8½' MYERS snow plow; WHITE 253 fold up transport disc; INT fast hitch 4x16 bottom plow; 10' wooden horse or cattle body for 1 ton truck.

1985 CHEROKEE 16' LIVESTOCK TRAILER

AUCTIONEERS NOTE: Most of this equipment will be selling absolute to the highest bidder.

TERMS: CASH/GOOD CHECK on day of sale. Not responsible for accidents. No items to be removed until settled for.

STILL ACCEPTING CONSIGNMENTS CONTACT

SINCE 1920
Trout Auctioneers, Inc.
15 North Court Street, Frederick, Maryland
301/663-1555
"Experience Doesn't Cost — It Pays"

OR

Randy Ruby:
Office: 301-663-1555
Home: 301-898-3673

LUNCH AVAILABLE

MAILBOX MARKET
FOR SALE

Reg. Australian cattle dog pups, (Blue/Red Heelers), 5½ wks old by Christmas, females $120.; males $100. Lanc. Co. 717-529-2937

5 bred Gilts, 6 first litter Gilts, good stock. Lanc. Co. 215-445-6950

Avon all kinds, large stock. Must Sell. Large Selection. 215-267-4821 after 4 p.m.

Tapered sawed Locust Posts. Lanc. Co. 717-354-7974

Simms cab for 1210 Case, $200; 6-750-20, 10 ply tires and tubes, 60% tread, $200; 12' aluminum van body, ex. cond., $300. Frederick Co. 301-293-2577.

Buggy in good condition at Nickel Mine Coach Shop; also market wagon has been used. Christian Petersheim, 234 Old Dam Rd., Christiana, PA 17509.

10 milk cans, good condition. Lanc. Co. 215-445-5928.

Nh 367 tank spreader w/hydraulic lid in working condition but needs some repairs, $500 OBO. Lanc. Co. 717-354-8594.

Tires for AC XT190 tractor, 75% tread, #18.4x34 on 16" rim 6 ply. Make Offer. Daniel Beiler, 78 S. Maple Ave., Leola, PA 17540.

One angus steer, 500#, two angus heifers, weight approx. 500#, one angus bull, 500#. York Co. 717-755-8713.

Five yr. old standardbred horse, sound, traffic safe, acclimated, w/snap. David E. Smucker, Lanc. Silo Dr. farm on R. off Horseshoe Rd. Lanc. Co.

AKC collie pups ready for Dec. 15, $95. Benj. S. Stoltzfus, 341 Furnace Rd., Quarryville, PA 17566. Lanc. Co.

Dutchman 4 line hopper, 1200' trough, chain, grill, 14 hole rear rollaway nests. B.O. or FREE. Small washer, eggomatic grader. Elkton, MD. 301-398-2853.

Derco 5x8 utility trailer, $300 BO; Minn. Moline Model R tractor, runs, needs paint, $350. After 6PM, 301-834-8480.

Driving mare and ½ Morgan weanling colt, $500; big driving gelding, quiet, $500; two fillies 3, $350 ea. Frederick. 301-293-2693.

Belgian gelding, 2 yr. old sorrel, white mane, tail. Can be registered, good disposition, needs training. N. Balt. Co. 301-592-7276.

10.36 tire 80% tread, 4 man bobsled; early 1900s, $150; 1926 truck, 6 cylinder Int. eng., $350. Montg. Co. 215-679-5788.

COOKBOOKS. Farm Women Group 13, $5.50 plus 75 cents postage. Mrs. Herbert Frantz, 10471 Buchanan Trail East, Waynesboro, PA 17268. 717-762-4974.

Cord wood saw, mounts on back of Farmall A, $100. Lanc. Co. 215-445-7386.

8N Ford tractor, new tires, new clutch, engine stuck, not seized. Must Sell. Need room. $1,075. Chester Co. 215-593-6238.

BMW 20002 motor, trans., and rear, $350; 1600 motor and trans. Montg. Co. 215-495-7919.

Hickory rockers, $70; Eucalyptus oil, $7. Abram Groff Stock. Eli Z. Byler, RR1, Box 5, 5AW White Oak Rd., Paradise, PA 17562.

MF 1130; Central Tractor round bale feeder. Franklin Co. 717-597-4782.

1984 YZ 125 Yamaha. Just rebuilt, runs great, good racing bike, good condition. Leb. Co. 717-273-9906.

Hydraulic two bottom plow, $2,000; Vicon fertilizer spreader, $700. Both good condition. Eli King, 336 Osceola Mill, Gordonville, PA 17529.

1,000 gal. insulated water tank, $50; 300 lb. ice machine maker, 25 lb. blocks, $150; 1,000 gal. s. steel storage tank, $800. Lanc. Co. 717-872-7427.

Polled Hereford W/F, well bred 1st calf cows, 300 lb. bull calves and larger, exc. cond. New Castle Co. 302-239-5639.

Snowmobile, Evinrude Scheeter, needs motor or could be used for parts, $50 as is. New Castle Co., DE. 302-378-2416.

Rewired truck load, new Riteway heaters, wood and coal combination thermostat controlled, 73,000 BTU. Stoltzfus Harness Shop, RD4, Box 13, Honeybrook, PA 19344.

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay. Call before 7 AM or after 7 PM. 201-735-8389 or 201-735-8865.

All size silo roofs at reduced cost. Lanc. Co., 717-687-6672 or 768-3095.

Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glenn Farms, RD2, Strasburg, Pa. 717-787-2562.

Specializing in pleasure Tennessee walkers. Always a good selection of trail & show horses. Yearlings, broodmares. Stud Service. Lester Weber Stables. 215-267-7311.

Peafowl, 6 cocks, 1978 hatch, $50 each. Also, 1979 chicks, $10 and up. Westminster, MD. 301-876-1235.

Reg. Angus bulls and heifers. Orange Gate Angus Farm, Maurertown, Va. 22644. 703-459-3414.

Used Bee Equipment Inverbrook Apiaries, RD2, Box 230, West Grove, Pa. 19390. 215-869-3353.

MINI LOP RABBITS with papers, $25. Very loveable pets. NZW Rabbits with papers, $10 Cecil Co., Md., 301-885-2134.

Outside calf hutches, $75 each. David B. Stoltzfus, RD2, Box 282B, Nottingham, PA. Take Brown Rd. at Little Britian, second road right.

Rock Oak, 1" to 1¼" Also, Cherry and Poplar. After 5 p.m., 717-776-3239.

12 yr. QH, Bay trail horse 12 yr. ½ Arab, sharp, endurance, competitive trail horse. Have shots, new shoes. 717-432-8282.

1925 Model T Ford, made into PU, cute. Motor, frame, body, tires, good Good advert. piece. Must sell. Montg. Co. 215-933-2469

BOOKS make great Christmas Gifts Huge collections available w/fine items under $20. Call Ron York. 717-235-2134

Sotz barrel wood stoves, $75; Double barrel, $125, Parts, washers, air or electric Sam Stoltzfus, Stumptown Rd, Bird-in-Hand, PA 17505

MAILBOX MARKET
WANTED

Good set of socket chisels, Greenlee, Witherby, Grossman, Buck, etc. Framing chisels also. Write: Wm. Sommerville, Winter Harbor, Maine 04693.

Looking for someone who likes working with cows to help on dairy farm near Hanover, York Co. 717-637-8131.

Will buy older 1920-1950 "Airplanes", parts, engines, propellers, good or damaged. Call collect w/selling price. Lehigh Co. 215-395-2349.

Good cab for IH 2000D Fleetstar truck. Columbia Co. 717-784-0259 eves.

Used, red, corrogated steel or aluminum siding or roofing. Montg. Co 215-754-7012.

Bale thrower for NH 268 baler; 8' auger 10-16' long. Union Co. 717-524-4340.

Engine block and steering gear housing for Farmall Super C or Super C tractor for parts. Lanc Co 717-872-2557.

A team of geldings, must be broke the best. State price & location. Write: John S. Stoltzfus, 654 Mt. Vernon Rd., Gap, PA 17527. Lanc. Co.

Oliver 4R front mounted cultivator in good condition. Berks Co. 215-488-7738.

LIQUIDATION AUCTION

TRUCKS, SNOW PLOWING EQUIP., BACK HOE, GARAGE EQUIPMENT, VEHICLES, ETC.

THURSDAY, DEC. 11, 1986

10 A.M.

Rt. 100, UWCHLAND, 6 mi. south of Exton, 12 mi. south of Pottstown, PA.

1977 Ford F700 Dump Truck w/10 ft. angle Blade & Salt Spreader; 125A- Michigan Loader w/Diesel Cummins engine; 4500 MD Ford Backhoe (looks like new); 1985 GMC Tow Truck w/Century Hyd. Wheel Lift (35,000 mi.); 1974 Dodge Power Wagon w/7 ft. Meyers Snow Plow; also Snow Plow Front End Hook-ups.

JOHN DEERE FORAGE WAGON (NEW) MODEL 716A.

GARAGE EQUIPMENT: Coats 40-40A Tire Changer; 4 Floor Jacks; FMC Brake Lathe; Transmission Jack; Bench Grinders; Welding Hoses & gauges; FMC Wheel Balancer Battery Charger; Cooling System Tester; MIG Welder; Portable Line-up Machine; car & truck Chains; many Car & Truck Tires. ALSO: Office Desk, File Cabinets, Outdoor Ice Maker, 5 gal. Cans of Tar, & More...

TERMS- CASH or Approved Check.

This is the equipment from Delcane Sunoco Station & Snow Removal Business of Rt. 100 & Rt. 113 - moved to this location for the sale, since the new highway forces demolition of their building.

Sale by order of:

ALEX DELCANE & FRED ADAMS

215-489-7127 or 215-948-8050

HESS & MOYER

Au 409L AUCTIONEERS Au 6421

115 HESS ROAD • COLLEGEVILLE, PA 19426

PUBLIC SALE

of

54 Acre Steer-Hog Farm

WED. DECEMBER 10, 1986

2:00 P.M.

Located along Mill Rd., one mile northeast of Goodville, Caernarvon Twp., Lanco. Co. DIRECTIONS: Traveling east on Rt. 23, in Goodville turn left on Brendle Rd., go to Mill Rd. turn left, first farm on right.

A certain tract of land consisting of

54 Acres M-L

App. 47 acres tillable, 7 acres in pasture with stream. App. ½ mile of road frontage. Erected theron:

7 Room 2½ Story Stone Farm House

with laundry and sunporch attch.

2 Bay Frame Bank Barn

10'x45' and 12'x45' concrete stave silos. Frame tobacco shed (6 acre cap.) with dampening cellar and stripping room. Frame drive through corn shed. Frame equipment shed. Frame garage with greenhouse attch. Tile milkhouse.

OPEN HOUSE: Week days only.

TERMS: 10% down day of sale, balance Dec. 31, 1986

Seller will leave first mortgage in of the balance due at settlement. Payable April 1, 1987, with credit prior approved by seller. Possession will be given on March 1, 1987.

Sale for

WALTER and ALICE HOOVER

215-445-6012

Aucts:

Nevin Z. Martin AU1078L

Lewis B. Groff AU1471L

Not responsible for accidents

PUBLIC AUCTION

SATURDAY, DEC. 13, 1986

9:30 A.M.

Located 4 Miles east of Lancaster off route 340 at 219 Witmer Road, look for tent, (rear of Lapp Electric, Inc.)

Selling surplus used office furniture & equipment.

Attention: Businesses, Farmers, Home owners, Handymen, Shop owners & Hobbyists. Don't miss this special Absolute Auction.

Selling over 40 office desks, * office chairs * filling cabinets, * lockers (like new), * coat racks, upholstered chairs, * oak wheel chair, * many wood & metal storage cabinets, * work tables & benches, * electric & manual typewriters, * card files, * table lamps, * 100's of flourescent light fixtures, * computor monitors, * over 80 ea. 48"x30" hardwood tables with formica tops, * over 360 ea. of matching hardwood bow back chairs, * 1979 DODGE VAN V-8 P.S., * many more useful items will be sold.

TERMS: Cash or good check

SALE CONDUCTED BY:

KELLER AUCTIONEERS

AUCTIONEERS:

Claude F. Bechtold

669 Hartman Station Road

Lancaster, PA 17601

(717) 397-9240

Harold K. Keller

653-8871

AU-2176L

GOOD FOOD BY: Faith E.C. Bus Committee

PUBLIC SALE

Petersheim Auctioneers

SAT., DECEMBER 13, 1986

11:30 A.M.

Located 3 miles northwest of Oxford, Pa. on Park Rd. from Rt. 272 go west on Lees Bridge Rd. to Park Rd. left.

ANTIQUES, HOUSEHOLD GOODS

Oak wash stand with towel rack, High boy chest of drawers with mirror, Brass bed over 100 yrs. old, oak side board with beveled mirror and power shelves, old car trunk chest A-1 cond., oak dresser with beveled mirror, oak piano stool, 2 single iron beds, rocking chair, 2 piece living room suite, sofa, 4 matching chairs, single plank bottom chairs, Farm Master cream separator labels or good, Iron stove, 2 meat grinders, meat saw, few dishes, agit and tin ware, Porch glider, Zenith color television, jelly cupboard.

FARM EQUIPMENT, ETC.

Conestoga type Colombian 2 horse wagon with seat original labels in good condition, Ford 7 ft. bar mower, N.I. 12A manure spreader, 3 pt. cultivator, flat bed wagon, wooden spoke wheel wheelbarrel, circular saw, Mountville 2 hole corn sheller, corn cracker, Beam scales, beef gamble, syncte, cross cut saw, straw cutter, anvil on block, wire, few tools, etc.

Owner

ELBA H. SMYTH

Auct. Steve Petersheim

Steve Jr.

AU001349L

AUCT. NOTE: This is a small sale but items mostly all antiques in good condition.

REAL CLEAN FARM MACHINERY AND HARVESTOR SILOS AUCTION

SATURDAY, DEC. 13, 1986

12 NOON

Having decided to discontinue farming and sold their dairy herd, Charles and Diane Miller have commissioned me to sell their complete line of farm machinery, barn equipment, silos, and freestall barn at absolute auction.

DIRECTIONS: Take Rt. 307 W. from Clarks Summit, approx. 2 mi., turn left to Newton Ransom and turn left just past Newton Ransom Fire Hall. Watch For Arrows.

MACHINERY: J.D. 2840 Diesel Tractor, 3 pt. w/frt., ROPS, Dual Remotes, & J.D. #148 Loader & 84" Bucket (sold 2-ways); Oliver 1755 Diesel Tractor (86 hp) 18.4x34", 3 pt. and Dual Remotes; N.H. 489 Haybine Stub Guards (like new); N.H. 679 Tandem Spreader w/new T-Bar chain; J.D. 6500 Forage Blower (1 yr. old); 2 Gehl Forage Boxes, 3 btr. & roof, on Gehl 10 T. Gear w/floatation tires; N.H. 273 Baler w/kicker; N.I. Uni-System Incl. 708 DSL. Tractor; 767 Super Chopper; 738 4 Row Superhead; 729A Uni-Sheller; 3 R. Narrow Corn head; 766 p/u head (All sold Separate); White 5400 Seed Boss; 4R No-Till Airplanter; Stoltzfus 5 T. Limespdr w/grates; Wilmar 5 T. S.S. Fert. Spdr; Brillion 10' Cultipacker/seeder (pull type); Pittsburgh 18' Transharrow (2 yr.); Grimm Tedder; J.D. 3 pt. Backblade; 14' 5th Wheel Grain Dump Tlr. (2 Axle).

SILOS & EQUIP: 1-20x80 Harvestor Silo White Top w/Goliath Unloader; 1-20x50 Harvestor Silo White Top w/Hercules Unloader; 1-Harvester Roller Mill; Silomatic Mineral Meter; 25' Mayrath 6" Auger; 24' Silomatic 8" Grain Auger; 18' Starline Single Chain Conveyor; 42' Steiner 10" Forage Conveyor; 315' Patz Feeder Chain & Drive Unit (21' Drop & C.C.)

BARN EQUIP: Mueller 1,000 Gal. Bulk Tank & Washer (4 yr.); 4 DeLaval Pipeline Units; Approx. 300' Cornell Barn Cleaner Chain 16" Drop & Clockwise; 280' of Drop Grates in 20' Sections.

SPECIAL: 50'x150' Laminated Arch Rafter Freestall Building to be removed. Sells inc. 80' Patz Bunk Feeder (Chain & Unit sell seperate) & 4 Elec. waterers & 24 Gates. Also selling--a wagonload of small items incl. Pressure Washer; Dairyvac; Welder; Torches & Gauges, etc.

AUCTIONEERS NOTE: Most of the equip. was purchased new by owners & all owner-operated, stored inside & in very respectable condition. If you want good clean equip. in exc. condition, you won't want to miss this absolute sale. Terms for removal of silos & barn by owners.

SALE HELD INSIDE FREESTALL BARN

TERMS: CASH OR GOOD CHECK

OWNERS:

CHARLES & DIANE MILLER

R.D. 3

Clarks Summit, Pa.

AUCTIONEER:

Bill Mead

R.D. 1, Montrose, Pa. 18801

AU-2072

717-278-2901

Thinking of selling? Give us a call, we'd be happy to talk to you.

LUNCH BY LOCAL CHURCH

MAILBOX MARKET WANTED

Small outbuildings, chicken houses, out houses, corn cribs, etc. Also iron & wood fences. 717-296-7641

Used hot water coal boilers with or without grates. Somerset Co., 814-445-2027.

Male Norweigan Elkhound pup or dog. Write Albert Wible, Box 107, Hustontown, PA 17229.

3 Llama breeding age adults. Please write or call with location & prices. R.H. Merritt, Farmington, CN 06032-1506. 203-677-1583.

Used open buggy. Also, wooded silo. Daniel S. Kauffman, RR1, Box 116-A, Loganton, PA. 17747-9801. Clinton Co.

Small coal furnace hot water or hot air. Young Jersey or Guensey cow. 215-944-8077 or 215-944-9276. Berks Co.

23.1x26 10-ply combine tire, approx. 40-60% tread, prefer Goodyear or Firestone. Call collect, 301-848-8638 after 8 p.m

Over 16.hh TB cross between 3 and 6 years old. Prefer ¼ Percheron cross. 215-869-8998.

Need 16 good used tie stalls, headlocks for heifers, plastic ventilation tube and fan, freeze proof waterer, gates 717-865-7240

Cub Cadet for parts, 100 series and up. Howard Co., MD. 301-465-8754

Tools: Old machinist and Stanley planes. Pay good. Mont Co., MD 14516 Carona Dr., Silver Spring, MD 20904 301-384-4377

Wire corn crib about 14' high w/or without roof Sch. Co. 717-386-4324 evenings.

Allis Chalmers D15 diesel tractor. 301-797-3062

Used skid loader, mini Mac or other brand, any condition. 215-536-6595 after 6 p.m

Small donkey and an open buggy. Lanc Co 717-665-6647

Gearing to fit Dunlap (Sears) #109-0702 small lathe. York Co 717-428-1012 anytime

Gas heater, 1 or 2 room automatic. Give price and location in first letter I.B Zimmerman, R D 2, Ephrata, Pa. 17522

BOOK-Melchor Engle Family History, 1730-1940 by Winfield Engle, Lima, OH James Engle, Rt 1, Box 65, Swoope, VA 24479

600 gallon round Esco bulk milk tank for milk Leb Co., Pa 717-865-2529

Side mounted pulley for a 180 Allis Chalmers tractor State Price and Condition Yost Yoder, R D 1, Box 171, Grantsville MD 21536

Any tooling for a milling machine w/#9 Brown & Sharp taper Dauphin Co 717-692-2493

Used 10' vertical manure pump on trailer Lebanon Co 717-865-3876

To hire, younger person preferred to help maintain property year round Pleasant environment Montgomery Co 215-646-7760

Bucket for JD 47 loader Balto Co., MD 301-239-8187

1970 or up tandem axle cab & chassis, 38,000 or 44,000 rears, diesel motor, mechanic's special, under $3,500 215-767-4632

Lard Cans, must be in good usable condition, need 5 or 6 York Co 717-938-1776

AC Big Ten or Big Twelve mower Bill Suominen, R D.1, Box 503, Lincoln University, Pa 19352 Chester Co 215-255-4413

Someone to board 3 yr old Reg. Holstein Bull Also wanted grass hay Lebanon Co 717-949-6836

Farm tractor: JD 1020, MF 135, or MF 235, 3 cyl gas, 4 spd., live PTO & hyd., horiz. exhaust, good to excellent condition. No Dealers. Lehigh Co. 215-799-2536

Round milk bottles w/dairy names and paper milk bottle cap collections John Tutten, R.D.4, Box 929, Front Royal, VA 22630.

(2) metal livestock gates, 16', not tubular, 2 storm doors approx. 36"x76" and 42"x91". Lehigh Co. 215-756-6618

Christian family looking for 3 or 4 bedroom house, to rent in Lanc. Co. 717-665-7631

Steel wheels for 100 h p tractor; Manure spreader approx. 150 bu., no more than $400. Lanc Co 717-354-8529

New or used storm front market wagon, and/or spring wagon, state price and condition. All replies answered. T. Holliday, Rt 4, Box 244, Waynesboro, TN 38485.

Old used pine lumber from barn, house, etc. Must be in good condition. No white paint Lanc. Co., 215-445-6231.

Attic Flooring and Log Houses. 717-626-4520

White Pekin Ducks Adams Co. 717-642-8221 after 5 p.m

MAILBOX MARKET NOTICE

We adopt and/or buy exotic animals. Deer, Pygmy Goats, Elk, Buffalo, Leopards, Cougars, Peafowl, etc Berks, 215-374-2114

19 yr old boy desires work on a dairy farm next summer. 717-354-6727. Aaron S. Nolt, RD3, New Holland, PA, Lanc. Co.

$25-$50 cash reward for info leading to purchase of old signs, posters, calendars, catalogs, photographs. 717-560-0639.

If you would like to do quilting, write to RD#1, Box 66, Richland, PA 17087 for information

Buying, Renting. Lease to own. Family looking for farm Owners stay living on to help and cut purchase price. SE PA 215-323-1917.

Experienced Auctioneer Will Call Your Sale, in New Castle Co., DE. Call Florence "Flo" Hall, anytime. 302-731-7977

FREE Old used car tires. Will Deliver up to 20 miles from Gordonville, Lanc Co. 717-768-8440

AUCTION SALE
TRUSTEE'S SALE IN BANKRUPTCY
REAL ESTATE- SAW MILL EQUIPMENT- MACK TRUCKS- FRUEHAUF TRAILERS

Property of Denton Trucking, Inc. and Richard Perry Mezick

SATURDAY, DEC. 27, 1986

Hobbs Rd.- Market St.
Denton, Md.
To be sold at 10:00 A.M.

12 acres of land improved by a nice office building and saw mill building.

Sawmill Equipment: O-1 Frick carriage timber tiger, takes 20' logs, all air; Tyrone Berry- 215 feed; Mobark EM36 DeBarker line head; Fulghum 60"- 6 knife chipper; 200 hp motor; Mellott #5 log turner; 11' saw mandel; 60' Toledo inground mechanical scales Sn4361; 2 Englo 5 hp conveyors, 3 phase; 83' Webster vibrating conveyor; 52' 3 Stran conveyor; Corley sliding arbor double saw end trimmer; Weise single arbor edger; 20'-12" traught conveyor; 4 Stran 24' line deck w/air kickers; 26' Horizontal slide off bearer; Starters, capactors and cut off's 52'- 3 stran conveyor; 76' green chain; 55'-18" belt conveyor.

The following to be sold at 1:00 P.M.- All the following real estate and trucks and trailers to be sold at Denton Trucking, Crystal Avenue, Denton, Maryland.

The Real Estate is located on the Choptank River and Robins Creek between Harmony and Denton. The property consists of approximately 20 acres of highland and is improved by a small house built of 6x6 timbers with 2 bedrooms, one bath, living area, small kitchen and eating area, 2 porches, a partially completed 24'x48' outbuilding, swimming hole with dive and dock.

Trucks- 11 Macks- 3 Macks for parts: 2- 1980 Mack R686ST, 300 engine w/wet line; 3- 1979 Mack R685ST, w/wet line; 1978 Mack R685ST, needs engine rebuilt, wet line; 2-1974 Mack R685ST, wet line; 1976 Mack 3686LST, wet line, alum. frame, needs work and parts; 1970 Mack R685ST, parts only; 1970 Mack R685ST, wet line; 1963 GMC yard truck.

Trailers- All dump trailers w/wet line: 1981 Bobcat line bottom 42' trailer, 85 yd. wet line; 1979 Bobcat line bottom 40'- 85 yd. wet line; 1980 Fruehauf 32' dump W.L.; 1979 Fruehauf 32' dump; 1969 Fruehauf 65 yd. 33' dump L.; 1971 Fruehauf 33' tall dump W.L.; 1959 Fruehauf steel dump 82 yd. 30'; 2- 1970 Fruehauf 30' dump; 2- 1980 Fruehauf 42' flat w/head board; 1969 Fruehauf 40' flat; 1973 Fruehauf 40' flat side axle; 1955 Fruehauf box w/no top; 1970 Fruehauf flat; 2- 1974 Fruehauf 40' flat side axle; 1971 Fruehauf 40' flat; 1970 Evans pole trailer; 1961 Baker pole trailer; Homemade trailer.

Shop Equipment: Hydraulic crane, variable speed drill press, rims, 4 bolt bins, vise, Linde 230 amp welder, air grease guns, hydraulic jacks, 20" & 22" cases for recapping.

Terms: Personal property: Cash on day of sale, Checks will be accepted from residents of the Delmarva Peninsula when drawn on a local bank. All others must be accompanied by a current Letter of Credit from a bank which is federally insured.

Real Estate: $5,000 down on each property, deferred portion due 45 days at 10% interest.

For full particulars contact the auctioneer or see Editions of Times-Record, Denton, Md.

Trustee,
LLOYD O. WHITEHEAD

Pete Richardson Auction Sales
P.O. Box 51, Willards, Md. 21874
Phones: 546-2425 Office 742-6220 Home

POLLED HEREFORD AUCTION

Cattle have been moved to Dr. Sanford's farm at Stormville, N.Y. for convenience of the auction. From the north take Rt. 55 out of Poughkeepsie to Poughquag then west on Rt. 216 to the auction. From the west take Rt. 84 to Exit 12 (Rt. 52) east to Rt. 216 on

SAT., DECEMBER 13, 1986

at 10:31 A.M.
(storm date Dec. 15th)

76 Hereford - 31 Registered

54 Breeding age cows, 10 of which will be sold with calves at side. All breeding information will be announced at ringside pending veterinarian's examination. Cattle have been pastured with a reg. Polled Hereford bull up until the middle of Sept. Service sire's credentials will be announced. Highly regarded sires being represented include:

3 daus. of RWJ Victor J3 212
6 daus. of PAF Victor 837 667
4 daus. of Vindicator
2 daus. of WSF PRL Justa Banner
5 daus. of Graystone Hurrah
2 daus. of EDR Victor 405 J180
1 dau. of Enforcer 107H
1 dau. of Charme Norden 10G

Registrations for more cattle may become available by sale time. All animals will be vaccinated for shipping fever and will have been tested for interstate shipment.

In the event of questionable storm phone auction company for status.

TERMS: Cash or good check with letter of credit accompanying an out-of-state check. I.D. required.

Sale by order of
FARM CREDIT SERVICES
of Central New York
Lafayette, New York

GARRISON AUCTION & REALTY ASSOC.
(914) 895-2929
Real Estate Brokers - Auctioneers
(914) 895-3514
Wallkill, N.Y.

PUBLIC AUCTION

Located just north of Woodsboro, Md. on Route 194 on Legore Bridge Road, 3 miles to farm.

THURSDAY, DEC. 11, 1986

at 10:00 A.M.

70 Head of Holstein Cattle 70

Consisting of 52 dairy cows of which 30 have freshened in past 60 days or due to freshen near sale time; balance in different stages of lactation; 11 vac. Holstein heifers, approx. 6 months of age; 7 started Holstein heifer calves. This is a good home raised herd in good flesh with good size & production - average herd test 3.9%. Bangs & T.B. Tested within 30 days of sale for interstate shipment.

Sale held in tent
Loading chute available

Dairy Equipment & Hay

Mueller 1000 gal. bulk milk tank; Surge Alamo vac. pump; Surge pipeline for 60 cow barn; 4 Surge milking units; 80 gal. hot water heater; feed cart; Sunbeam clippers; dehorners.
Approx. 200 bales of rough hay.

Tractors & Machinery

John Deere 2030 gas tractor, W.F., power steering, selling w/JD 146 loader; Allis Chalmers W.D. tractor; Hesston 310 self-propelled hay mower/conditioner; Int. 16 hay rake; Int. 430 baler w/thrower; Int. 46 baler for parts; Miller 10 ft. transport disc; Int. 10 ft. lever harrow; JD 13/7 disc grain drill; Int. 56 four row corn planter w/liquid fertilizer tanks; 2 New Idea manure spreaders; 5 hay wagons; Mayrath 32 ft. elevator; Mayrath table conveyor; Surge portable 25000 alternator, tractor seeder; 2 small farm trailers; platform scales and other farm related articles.
1964 Int. tilt cab 1800 truck w/18 ft. Omaha body w/twin hoists.
1967 Plymouth auto.

SALE ORDER: small items on wagon, machinery, cattle w/Real Estate offered at 12:00 noon.

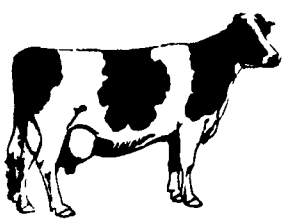
TERMS: Cash - Not responsible for accidents.

MR. & MRS. ALLEN FLANIGAN
Phone (301) 694-8537

Auctioneer:
Robert C. Mullendore
Clerk: C.L. Metz

Lunch Rights by 4H Camp Fund

HOLSTEIN DAIRY AUCTION



MONDAY, DECEMBER 15, 1986

at 11:30 A.M.

FOR ABRAM & GERALD ESTELL,

2 mi. N.E. of HAMBURG, N.J. From light in center of town, take Rt. 23 south 1 mi. to Rt. 517 North, 1 mi. to farm. 15 mi. E. of Newton, N.J. FARM SOLD!

11:30 - NH Super 717 chopper w/1R corn hd, JD- 3PT- 3 btm 16" plow, JD- 3PT- 2R corn planter, Century 200 gal sprayer, 2 fuel tanks

11:45 - GIRTON 550 GAL BULK TANK, HWH, 4 Surge units, Surge pump CORN SILAGE 170 tons in trench, 2,000 bales of hay

12 NOON - 48 HOLSTEINS - 45 in the milk now, w/15 fresh recently and 21 hd due now thru March 46% are 1st and 2nd calf Balance bred and milking well. Many big producers and some top udders will be found here! HEIFERS - 3 bred and 1 ready to breed A honest owner operated dairy Pregnancy examined! Shipping fever shots 30 day T B and blood tested for interstate shipment!

Blizzard date 12/17/86

TERMS: Cash or Good Check w/proper I.D. Full Settlement Sale Day.

OWNERS-
A. & G. ESTELL
201-827-7627

SALE CONDUCTED BY:
COL. FRED R. DANIEL AUCTIONEERS INC.
NESHANIC STA., N.J. 201-369-4784
LAST NOTICE!

Sale Reports

A Public Auction of trucks, tractors and implements was held November 29 by Roscoe Bishop, Elwood Taylor and Larry Sterling, on Bishop Road, Pocomoke, Maryland.

Some prices received were: J.D. 4430 tractor $15,500, Int. 786 tractor $6375, Int. 1066 tractor $5300, J.D. 4020 tractors $5800 & $5975, Case 970 tractor $5000, Case 970 tractor with cab $5550, Ford 5000 tractor $3825, Int. 715 combine $3050, J.D. 6600 combine $12,700, 1975 Ford w/16' dump body $12,700, '72 GMC truck w/14' dump body $10,800, '68 GMC tandem with 19' dump body $10,075, Hardy offset bush hog $2100, Kinsey 11 row planter $8000, Int. drill $4000, John Blue 500 gal. sprayer $2500 and J.D. 14' 1600 chisel plow $900.

Pete Richardson Auction Sales conducted the sale.

XXX

A Public Auction of farm equipment was held November 29 by Owens Lane, between Ridgely and Bridgetown, Maryland on Route 312. The large crowd included people from several states.

Some prices were: pine corner cupboard $1900, old hand gasoline pump $700, 1949 Plymouth $2050, 1953 Buick $3700, Int. M tractor $850, J.D. 3020 tractor $5200, J.D. 148 loader $1550, horse dump cart $180, open top buggy $380, horse road cart $350 and 1 horse wagon $190.

A. Curtis Andrew Auction Inc. conducted the sale.

XXX

A Public Sale of antiques and fine prints was held November 29 by Laura Huyett, a 93 year old noted Lancaster area artist. She sold 4 of her own paintings and 2 paintings by her teacher, Blanche Nevin at Hammertown Rd., Churchtown. Mrs. Huyett was exhibited in galleries in Lancaster, Reading, Chadds Ford and Williamsburg. There were 390 registered bidders at the sale.

Some prices were: summer pasture scene $250, winter schoolhouse scene $135, portrait of her dog "Ginger" $85, still life of an owl $80, Nevin paintings $150 & $210, 4 Frederick Remington prints $220 ea., cherry dropleaf table $325, oak slant top desk $325, jelly cupboard $295, 2 blanket chests $160 & $140, oak library table $195, 1820 snow towel $300, 3 hickory baskets $130, $140 and $270.

T. Glenn and Timothy G. Horst were the auctioneers.

XXX

A Public Auction of modern butcher shop equipment was held November 29 by Neil G. Gilbert, 3 miles west of Lehighton, Carbon Co., Pa. A nice sized crowd attended the sale with good weather conditions.

Some prices included: electric whetstone $140, hamburger machine $200, tenderizer $300, scale $400, Griffith smokehouse $600, meat mixer $890, stainless steel tables $140 & $200, meat saw $800, sausage stuffer $570, Refrigerated market truck $600, 1963 Chrysler New Yorker $100, grinders $800 & $865, stainless steel trough $625, hoist $395, beef spliter saw $400, hog cleaner $210, sink $400 and slicer $490.

Robert A. Arner was the auctioneer.

XXX

A Public Auction of outstanding antiques and fine furnishings was held November 29 for the benefit of Christ Community Church at the Brandywine Hotel & Resort on Route 30 in Downingtown, Chester Co., Pa. Many out of state folks were among the 300 who attended the sale.

Some items sold were: Lancaster County, Samuel Breneisen, Grandfather's clock $3900, Pa. walnut grandfather's flock $1825, walnut tavern table $1000, collection of Hummels $25 to $490, ice chest $200, Stage Coach picture $200, schoolmaster's desk $280, sampler in frame $145, 2 Chinese porcelains $200 each, gold mirror $110, oak chair $175, bead half-spindle plank bottom side chair $1000, dining table $320, walnut cradle $340, Victorian bed $675, cherry coffee table $200, lithograph $80, butterfly armchair $400, blanket chest $950, and sleigh bells on leather belt $700.

Whitford Sales Company conducted the sale.

XXX

A Public Auction of Holstein heifers and farm machinery was held November 29 by Mr. and Mrs. Carrollee H. Zecher, west of Middletown, Maryland on Route Alt. 40, south 5 miles on Marker Road. Three parcels of land were also sold.

The 185 acres of land with farm buildings was sold for $380,000. The 16 acres second plot of land with a house brought $40,500 and the third lot was sold for $45,000 and it included a barn on 14 acres of land.

The 18 Holstein heifers, including 7 bred, were sold for a total of $6,117. Other prices were: M.F. 510 diesel combine $6100, Ford 8N tractor $1100, Farmall M tractor $750, J.D. 4020 tractor $3375, J.D. 4010 tractor $1675, J.D. 4320 tractor $5050, DeLaval liquid manure tank spreader $2700, DeLaval manure pump $2000 and two 7000 bu. metal grain storage bins w/drying floor $3750.

The auctioneer was Robert C. Mullendore.

XXX

SHORT NOTICE PUBLIC AUCTION

132 ACRE FARM

MONDAY, DEC. 29, 1986

Auction Time 2:00 P.M.

Located along Harvest Rd., Elizabethtown, Pa. from E-Town Square take East High St., (E-Town- Manheim Rd), approx. 4 miles to Trail Rd. Turn left, go ½ mile to Harvest, right on Harvest to Property. Mt. Joy Township, Lancaster County, Pa.

Tract #1: Approx. 55 acres with improvements. Double sandstone and frame dwelling; barn for 150 steers and 150 hogs- 20x65 silo and bunk feeder.

Tract #2: Approx. 44 acres, mostly tillable with a few acres of woodland.

Tract #3: Approx. 33 acres, farmland with some woodland, pasture, stream.

Note: Tracts to be offered. Separately or as an entirety.

Auction by

LLOYD H. AND KATHRYN H. WENGER

Ph. 717-626-5397

Auction conducted by

J & P Auctions

Paul E. Martin Auct. AU-1601-L

Ephrata, Pa. 717-733-3511

John D. Stauffer, Auct. AU-1509-L

Lititz, Pa. 717-665-5099

AUTOTORE'S AUCTION

SATURDAY, DECEMBER 20, 1986

Starting At 10 A.M.

Location - Main Street, Orangeville (Former Hess Market) on Rt. 487 North of Bloomsburg.

Gary & Karen have relocated their market to new location and are selling the following.

R.C. Allen 3000 Register, oak candy display, oak mirror-back pastry display case, 80' metal display shelving, chrome display racks, double 16' Gondola island rack w/end caps, Howard double door medium temp. cooler, Howard double door freezer, utility shelving, 10' produce display tables, 8' meat display case, paper cutter, wire display racks, Globe meat slicer, 6'x8' wood walk-in cooler w/rebuilt compressor, 110 A/C, 40" G.E. elec. range, Maple cabinets, 2-Coffeematic #2, portable typewriter, 3 section (early) wood shelving, GELBACK 6'x6' walk in freezer (sng. phase) DICELER 10'x12' walk-in cooler sng. phase, cargo wagons, Dayton store scales, file cabinets, NCR Cash Register, school desks, 2-oak 22" store counters, lg. assortment of display racks, oak clothing islands, what-not shelves, food carts, 3 pc. maple living room, 6 hp Simplicity riding mower w/42" cut (like new), storage lockers, BLAKLESEE COMM. POTATO PEELER, wheel barrow, power push mower, 79-318 Dodge Adventure pick-up (excellent), salad bar crocks, napkin holders, salt & pepper shakers, sugar containers, Lenox Furnace converted Oil, Gas hot water heater, dry produce cases, bag trunk, floor fan, tape gun, elec. boxes, wooden boxes, 2 new Adler-Smith Corona elec. typewriters, etc, etc.

Terms - Cash.

Sellers

GARY & KAREN HESS

Auctioneers- John Autotore 784-3506 AU-31-L

John Jr. 784-0381

Kim

PUBLIC AUCTION

OF

FARM EQUIPMENT

SATURDAY, DEC. 13, 1986

at 11:00 A.M.

Located between Fleetwood and Lyons, Berks Co., Pa. From Rt. 662 in Fleetwood take the Fleetwood Lyons Rd., east approx. 2½ miles. Follow signs to sale.

TRACTORS

Int. 186 Hydro w/turbo, 135 HP, 1700 hrs., 18.4x38 radial tires, cab, a/c, heater, AM/FM; Int. 666 Hydro diesel, wide front end, 300 hrs. on rebuilt eng.; Int. 574 diesel, 2300 hrs., new tires; Farmall 400, gas, new tires; Int. 3200 Series A skid loader; tire chains 18.4x38 & 15.5x38; Front tractor weights 22; rear wheel weights, 10; Snap on dual wheels 18.4x38; **PLANTERS & SEEDERS:** Int. 400 Cyclo 6 row planter; MF #33 Grain drill w/fert. & grass seeder box; Lely fert. spreader; 10' Brillion grass seeder; 10' Brillion packer; Weaverline #430 Hydostatic S.S. silage cart, 175 hrs., like new; **TRUCKS:** '72 Chev. 50 Series, 350 eng., 18' midwest bed w/twin cyl. 12 ton harsh hoist; '79 Chev. ¾ ton pickup, auto., 350 eng., gas, 30,000 miles on new eng.; 7x28 Gooseneck Horse & Livestock trailer, new floor, v.g. cond., Circle H; **TILLAGE EQUIP.:** Int. 710 5 bottom 16" plow w/auto. reset; 13' 3pt. Int. chisel plow; 16' F90B Athens Rhino folding flex disk; 12' J.D. Cutlimulcher, new teeth; **HAY EQUIPMENT:** 1495 N.H. Haybine, Ford gas eng.; 320 N.H. Baler w/thrower; 256 N.H. Rake; 55 N.H. Rake; Pequea 8' Hay tedder; 4 steel rack hay wagons 8'x18', 8 ton running gears, 10.00x15 tires, telescoping tongues, side openings, front end gate, tailgate opening; Wooden rack wagon 7'x18'; 2 wooden rack wagons 7'x16'; 36' Farmec bale and corn elevator; 20' bale elevator, Cardinal; **FORAGE EQUIPMENT:** 1880 N.H. Self-prop. chopper, hydrostatic drive, 700 hrs., cab, new knives, 3150 caterpillar V-8 diesel eng., v.g. cond; N.H. 890 forage harvester; N.H. 890A auger base unit; 890 7' wide hay pickup head; 3 row corn head, low profile adj. from narrow to wide, row adj., heads fit 1880 & 890 chopper 1890 & 1895; 3 Badger forage wagons #1416 3 beaters, metal roofs, tandem axles, 10.00x15 tires; 2 Int. #56 Silage blowers; **OTHER EQUIPMENT:** 1666 Martin Scavenger Manure Spreader; 570 Int. Manure Spreader w/hyd. gate, new Gratz floor chain; 16' Alum. Grain Conveyor; Veil rock picker; V Blade snow plow; 25 KW Generator pto; Int. 3 pt. Box scraper; Grove 3 pt. back blade w/tilt & swivel adj.; 2 Wheel trailer type earth mover; Gandy silage additive applicator; Dump trailer; pto operated dump; 200 bushel favorite gravity bin wagon w/8 ton running gear, 10.00x15 tires & telescoping tongue; Int. 100 Balance mower; 10' Grain auge on wheels; Twin cylinder hyd. operated hoof trimming table; 2 grain aerators; Oxygen acetylene torch setup; Mig welder, systematic; 250 amp Forney arc welder; Port. fuel tank for pickup body; Kemflo hay applicator; Hyd. cylinders; Calcium pump tire changing equip.; Bead Breaker; Tractor tool boxes; Some small items.

NOTE: All equipment in good condition & repair; stored inside when not in use. Not many small items; Equipment will be sold at 11:00 A.M. Sale will be held indoors in the event of inclement weather. No out of state checks.

Terms By:

JOE and JOANNE RUTH

(215) 944-7571

HORNING FARM AGENCY, INC.

Alvin Horning, #AU-000433-L

Main St., Morgantown, Pa. 19543

215-286-5183

PUBLIC AUCTION

ANTIQUES AND COLLECTIBLES

SATURDAY, DECEMBER 13, 1986

Sale Time: 9:00 A.M.

Located at the FORMER White Horse Fire Hall, along Rt. 340, (the Old Phila. Pike), east of Rte. 897 in the Village of White Horse, Salisbury Township, Lancaster Co., PA.

CHAIRS - Bentback Arrow Back; Cane Rockers & Chairs; Bamboo; Victorian; 3 Victorian Cane (Walnut); Spindle Back; 6 Single Arrow Highchair; 6 Decorated Salem Rocker; Boston Rocker; Hitchcock.

FURNITURE - Pine Commode; Schoolmaster's Desk; Marble Top Walnut Dresser; Dovetailed Blanket Chests; Gate Leg Table; Pa. Fiddle Back Settee Grained Washstand; Tilt Top 3 Leg Table; Drop Leaf Table; Walnut Drop Leaf Tables; Cradle; Bucket Bench; Miller's Desk; Spool Cabinet; Candle Box; Saddler's Benches; Butter Print Molds; Duck Decoy; Woven Basket; Seaman's Chest; Pine Chests (signed); Chest, Heart-shaped handle; Spinning Wheel; Yarn Winder; Butter Prints; Conestoga Wagon Jacks; Wooden Sausage Stuffer; Slicing Boards; Lard Press; Rum Pot.

Webber Boxes; Sm. 3 Drawer Chest

CHINA - Cup; Shaving Bowl, Mayer; Gaudy Welsh Cup & Saucer; Gaudy Magna Shaker, Parian Pitcher; 6 Handleless Cups with Saucers; Pea Fowl Spatter Pitcher; Bird of Paradise Plates; University J & R Co.; Limoges Plates; Pomona Platter; Camara Teapot; Wedgwood Plate.

GLASS - Caster Set; Blue Milk Glass; Cake Stand and Covered Compote; Oil Lamps; Goblets; Pewter - Plate; Coffeepot; 13" Charger.

ANTIQUE QUILTS - Coverlet (5 color); IRON VICTORIAN FENCING - 475 ft. and 3 gates; HAND TOOLS - Fireplace Trammels; Travelers; Scriber Brass Insert; Butress; Rules; Block & Mold Planes; Iron Dippers; Forks and Spatulas; Buck Saw; Gambrels; Wooden Vise (screw); Ice Axe; Goose Wing Axe; Hand Wrought Choppers; Hetchell; Axe; METAL PIECES - Burning Iron; Iron Pot; Ice Cream Dipper - Thumb Scales; Brass Bucket; Iron Peeler; Pudding Molds; Cherry Seeder; Tin Coffee Grinder; Sleigh Bells; Tole Spice Box; Lunch Kettle; Tin Wagon Lamps; Tin Caniser; Tin Pattern; Powder Flask; Copper Kettle; Copper Wash Boiler. PICTURES - Large Frame; Currier & Ives; (Scotson Clark); (Oil, Gold Frame); "Sports" ("Thos. Work).

TAUFSHEIN - Water Colors (original); Animal Cartoons Cards.

OTHER ITEMS - Cap Pistol; Flintlock Rifle; Tiger Maple Stock; Cooler Pot; Magic Lantern; 12 Glass Slides; Wooden Pulleys; "Shore Bird" Decoy, carver - Don Harkey, Va.; Waterbury Clock (Oak); Hand Bell; Early Deeds; Braided and Hooked Rugs; Hat (Mfr. Lancaster); many other items not listed.

6% Pa. Sales Tax to be chgd.

Terms by:

RALPH V. H. WOOD

EDITH T. WOOD

717-768-3187

T. Glenn Horst, Auct. AU000438L

717-859-1331 - 717-738-1245

Timothy G. Horst. AU001767L

Sale Reports

A Public Auction of antiques and household goods was held November 29 by Joe and Elsie Loose, 1 mile north of Leesport along Belleman's Church Rd., Berks Co., Pa.

Some prices included: 3 pc. bedroom suite $230, blanket chest $185, square oak Lion head table $2000, Dutch cupboard (only top) $675, homespun mattress cover $200, ice cream dipper $27.50, Bennington soap dish $45, milk cans $25 to $30 each and Smoker 28' hay elevator $355.

The auctioneers were Dennis F. Wagner and Brian R. Folk.

XXX

A Public Sale of antiques was held November 29 for Haag's Hotel, Shartlesville, Berks Co., Pa.

Some prices were: Gruber hay wagon $1850, 1930 Model A Ford truck $2800, Doll (in pieces) $290, glass front cabinet $225, oak washstand $260, butcher block $470, quilt $310, child's wagon $50, Fisk tire sign $21, lodge sword $75, wicker baby carriage $40 and 1910 drivers license $50.

Eugene G. Klinger was the auctioneer.

XXX

A Farm Machinery Auction was held November 29 for Vargo Bros., Phillipsburg, N.J. located off Route 78 on Route 22. Approximately 250 people attended the sale.

Some prices included: M.F. 510 combine $12,200, J.D. 4430 tractor $14,200, J.D. 4230 D tractor $9500, J.D. 4010 D tractor $4400, J.D. 7000 corn planter $4100, IHC #510 grain drill $2400, Artsway grinder $2350, 1974 GMC dump truck $8000, Brady corn stalk cutter $3200, two 13,000 bu. grain bins $4650 each, grain auger $1000, J.D. roller harrow $2325, J.D. 5-bottom plow $3800, J.D. #336 hay baler $4400, J.D. #1209 haybine $3950 and hay wagons $650 & $900.

Col. Fred R. Daniel Auctioneers Inc. conducted the sale.

Public Auction Register

DECEMBER

SAT DEC. 6 - 9AM 2 Apt. Dwelling, Single Dwelling, Antiques, HH, Coins. 215 Lincoln Ave., Ephrata, PA. By: Alverta M. Lausch. T. Glenn & Timothy G. Horst, Aucts.

SAT. DEC. 6 - 9AM HH, Antiques, Cars, Tools, Coins. Schoeneck Fire Hall along the Schoeneck to Cacolico Rd., from Denver take Steinmetz Rd. to sale site. By: Richard & Betty McGarvey. H.H Leid Auct. Serv.

SAT. DEC. 6 - 9:30AM Construction Equip., Crawler Ldr's, Dump Trucks, Trailers. For the Estate of Charles W. Lennek, Jr. Baptistown, N.J. Located on Horseshoe Bend Rd. opposite the Kingwood Twp. Municipal Bldg. off Fairview Rd., off Rt. 519. 2½ mi. south of Rt. 12 at Baptistown, N.J. 10 mi. W. of Flemington, N.J. 5 mi. E. of Frenchtown, N.J. and PA line. Conducted by Col. Fred R. Daniel, Auct., Inc.

SAT. DEC. 6 - 9:30AM Bell Telephone of PA, Cars, Vans, Pickup, Van Body Trucks, Cab & Chassis, ATV, & Trailer. Located Bell Telephone Garage on Appleton St., Camp Hill, PA. Vilsmeier Auct. Co., Inc.

SAT. DEC. 6 - 10AM Consignment Auction of New & Used Farm Tractors & Machinery to be held in our yard on the corners of Rt. 38 & 38B, Newark Valley, NY. Goodrich Auction Service, Inc.

SAT. DEC. 6 - 10AM New Building Supplies, 1000s of different items. Hdw., Plumbing, Electrical, Building, HH, 2 Vehicles. Approx. 4 mis. S. of Quarryville & 4 mis. N. of Oxford on Rt. 472. By: Surplus Barn, Mr. Ed Weaver, Owner. Sale conducted by: Hunter's Sale Barn, Inc., Norman Hunter, Auct. Manager, Parkes T. Williams

SAT DEC. 6 - 11AM Meadow Lane Farm Sale of 100 Reg. Hol. cows. Near Ridgely, Caroline Co., MD. From Rt 50 take Rt. 404 E. to Rt. 312, turn N. onto Rt. 312, go through Ridgely, take first left past the school, go 75 yds. and turn right on Ninetown Rd. Farm is 1 mi. on left. Charles T Dean & Family Owners. Remsburg Sale Service.

SAT. DEC. 6 - 11AM Valuable 67 Acre Farm. RD6, Rush Twp., Danville, PA. Owners, Richard H. & Kathryn Bastress. Cam Shaffer & Son, Aucts.

SAT. DEC. 6 - 11AM Bucky Lane Vineyard Eq. Auction, Penn Yan, Yates Co., NY Rt. 54-A of Kinneys Corners between Penn Yan and Branchport. Bucky Lane, Owner Pirrung Aucts., Inc.

SAT. DEC. 6 - 1PM Polled Hereford Calf Sale at Falklands Farm on U.S. Hwy. 30, 2 mis. W. of Schellsburg, PA or 10 mis. W. of Bedford, PA. Paul Slayton, Manager.

SAT. DEC. 6 - 2PM Repossessed Vehicles 4101 North Front St., Harrisburg, PA, at the Sunoco Service Station near lot. Commonwealth National Bank Kerry Pae Aucts.

MON. DEC. 8 - 4PM Building & Office and Sewing Eq. and Material. Former Yorktowne Mfg. building, 77 Park Ave., Ephrata, PA. Terms by: Ephrata Park Place Associates Ltd. T Glenn & Timothy G. Horst, Aucts.

TUES. DEC. 9 - 10AM Farm Eq., Trucks, Bldgs., Hay, HH, Antiques. Between Doylestown & New Hope, 2 mis. S. of Buckingham, along Rt. 413 toward Newton, Bucks Co., PA. Frank & Dorothy Clark, Owners. Ralph W Zettlemoyer Auct. Co., Inc.

TUES DEC. 9 - 11AM Kittle Dispersal of 103 Reg. & High Grade Holsteins. 1 mi. off Rt. 15, turn by Martin's Bro. Gas Station in Canse Camp, 2 mis. from Mansfield, PA, 3 mis. from Covington. Bob & Ann Lee Kittle, Owners. Arlow Kiehl, Auct. Gordon Wood, Sale Mgr.

PUBLIC SALE

OF GARAGE EQUIPMENT AND TOOLS, TRACTOR, ANTIQUES, HOUSEHOLD GOODS

SATURDAY, DEC. 13, 1986

10:00 A.M.

Located 322 Miller Street, Strasburg Boro., Lancaster Co., Penna. From Strasburg take 741 West. Left at "Y", sale on right.

Farmall A Culti-Vision Tractor with wheel weights, cultivators and plow. Also Disc Harrow, Snow plow, Chains.

UNIVERSAL CYLINDER REVOLVING TOOL KIT COMPLETE (unusual), Pony 5 HP Rototiller, Precision Garden Seeder with plates, 5 HP Yard-man Vacuum Sweeper, 1½ HP Air Compressor, Cultivator for Wheel Horse Garden Tractor, Hyd. Jacks, Valve Lifter, Wheel Puller, Bearing Pullers, Spark Plug Cleaner, Battery Charger, Valve Refacing Tool, 1 Ton Chain Hoist, Hyd. Brake Bleeders, Bushing Reemer, Lincoln Grease Gun, Gear Oil Dispenser, Battery Cables, Elec. Tube Patcher, Armature Lathe, Thermostate Tester, Gas Gauge, Hangers, Assort. of V Belts, Oil Filters, Master Cylinders, Air Filters, Trolley for I. Beam, Pipe Clamps, Lg. Assort. of Spark Plugs, Fuel Line Hoses, Assort. Gaskets, Metal Display Cases, Chain Binders, Open & Box End Wrenches, Hand Tools, 30 Ft. Wooden Ext. Ladder, Single Wooden Ladder, Step Ladders, Rakes, Shovels, Axe, Forks, Brooms, Scraper, Weeder, Duster, Good Assort. of ropes, Engine parts, Windshield Wiper Blades, Tail Pipe for 50 Chev., Lg. Assort. Nuts, Bolts, Washers, Elec. parts, Motors, #140 Gear Oil, Wheel Bearing Lubricant, Fuses, Wire, Canvas, Misc. Lumber, Galv. Tubs, Oil Drum.

Antiques: Iron Butcher Kettle, Grinder, Sausage Press, Stirrer, Corn Dryer, Hog Scrapers, Wooden Barrels, WOODEN WHEELBARROW, OLD LANTERNS, Tin Washboiler, Agate Kettle, Cast Iron Stove, 1915 License Plate, Buck Saw, WOODEN TOOL BOXES, Old Tin Bucket, Old Glass Kerosene Can, Horse-shoes, Bushel Crates, 5/8 Baskets. 9 pc. Procelain Toilet Set (excellent condition), 6 Noritake Nut Dishes, Glass Baskets, OLD QUILT, Crocks, Iron Skillet, Agate Roaster.

Dovetailed Blanket Chest w/Drawer, Old High Chair, Clothes Tree, Rocker, Wooden Clothes rack, Miniature Old Wooden Wheelbarrow, RCA Portable Record Player, Records, Air Conditioners, Occasional Tables & Chairs, Maytag Wringer Washer, Maytag Dryer, Lawn Chairs.

Furniture and Dishes to be sold that are not listed. Lots of misc. items too numerous to mention. Household Items to be sold 1:00 p.m. Tractor 2:00 p.m.

No Out-of-State Checks
Not responsible for accidents.

Sale By
PAUL A. & ESTHER I. HERR

Auctioneer
Elvin Siegrist
Ronks, Pa. 687-6857
AU-1723-L

Food Served By
Strasburg Fire Co. Aux.

PUBLIC AUCTION

SAT., DECEMBER 13TH, 1986

10:00 A.M.

WESTERN MONTGOMERY VO-TECH SCHOOL

77 Graterford Road, Limerick, Pa.
(Approx. ¾ mile off Rt. 422... Watch for Signs)

Agricultural & Masonry Equipment & Supplies • Classroom Furnishings • 1972 BMW • 32' Trailer • Livestock & Chicken Outbuildings

MANY OF THE MASONRY HAND TOOLS ARE STILL IN THEIR BOXES INCLUDING: Skates, Joiners, Levels, Sets, Hammers, Also a good selection of lightly used Picks, Shovels, Rakes, Trowels, and lots more. Larger Items include: Concrete Muller Mixer, Goldblatt Gas Powered Trowel, Mortar Pans and Stands, Mortar Boxes, Masonry Wheelbarrows, Hydrosplit Block Splitter, Stone Tamper Machine, Brick Cutters, 3x3x4 Heavy Duty Job Box, Screening and Lath, Dampers, Flues, Chimney Liners, Heatalators, Tile Saw, Block Saw, 5'x3' Radiator Tank, TennSmith Rollers, TennSmith Brake, Pexto 52" Brake and Rollers, Miller Spot Welder Timer, Lincoln Electric Welders (250 amp) Power Washer, Small Compressor, Covel Comparitor, Metal Bins and Shelves... plus lots more!!!!!!

Special Mention:

***** 32' Trailer Used For Grain Storage Including Shoots And Sliding Doors *****
***** 1972 B.M.W. 2002 - A Classroom Project Car with New Paint *****
***** 1965 Mustang Disassembled for The Collector Fenders, Hood, Doors, and Complete Interior 6 Cylinder Engine and Transmission *****
***** Approx. 20'x50' Chicken House with Windows, Doors, and Electric...Other Livestock Bldgs. *****

Agricultural Equip. & Misc.:

Spring-O-Matic Head Gate Livestock Table, 15x18 Corn Crib, International 5500 Chisel Plow, John Deere 8' Snow Blower, 10' York Rakes, Broadcast Spreader, Brillion Colapactor, UM275 Gravity Bin and Trailer, Bradco 3PT. Back Hoe, Ford 2 Bottom Plow, Jacobsen Turf Aerators, John Deere Flail Mower 8ft., Post Hole Digger, Ford 6 Ft. Snow Plow, Harrows, Utility Trailer (6ft. Truck Bed), 125 Gal. Sprayer w/Booms and Hand Sprayer, Ideal Reel Mower Sharpener, Bunton Heavy Duty Rotary Mowers, Tractor Chains, Barb Wire, Seed Cleaner, Sliding Door Track, Farrowing Pens, Self-Feeders, Feed Boxes, Aqua-Matic Dispensers, Chicken Feeders and Nests, Lubricating Machine and Drums of Chassis Lube, Gear Lube, 2 Cylinder Motor Oil, Brake Fluid D.O.T.... Etc.

Classroom Furnishings & More:

TWO REGULATION BILLIARD TABLES AND ACCESSORIES, Two Pako Photo Print Dryers, Omega B6 Photo Enlarger, Chromega B. Enlarger, Bogon Enlarger, Frigidaire Electric Self-Cleaning Range, IBM Dictaphone and Tape Recorders, Ditto and Mimeo Machines, Showcases and Island Counters, Maple Captains Chairs, Tables, Sign Press and Accessories... plus much much more!!! Excess Equipment of all types... ready to use in your farm, home, or business.

SALE HELD RAIN OR SHINE. NOT RESPONSIBLE FOR ACCIDENTS. REFRESHMENTS.

TERMS: CASH OR APPROVED CHECK ONLY. BUYERS HAVE IDENTIFICATION.

Conditions by:
WESTERN MONTGOMERY COUNTY VO-TECHNICAL SCHOOL

★ **KEN REED** ★
Auctioneer
Pa. Lic. AU-001558-L
Appraisal • Estates Bought and Sold • Liquidations •
401 Main Street
Royerslord, Pa. 19468
PHONE: (215) 948-4871

PUBLIC AUCTION

of

FARM EQUIPMENT- TRUCKS & IRRIGATION

THURSDAY, DEC. 11, 1986

11 A.M.

LOCATION: 2 miles south of Felton, De. on U.S. 13 at the Kent Packing Building.

2 Massey Ferguson 1135 diesel tractors (1977), 5 FORD 7000 Diesel tractors (1974), FL 44 White/Oliver forklift (1974), Oliver 6x16" semi-mounted plow, M.F. #880 6x16" on land plow, Midwest chisel plow, 2 M.F. 7'x6" fold up disc harrow, 12' disc harrow, Int. Harvester crust buster 21 tyne no-till grain drill, Clark sprayer, J.D. 3 row cultivator-RM tyne, Harrogator, header for tomato harvester, RC-25 FMC crop air sprayer, 500 gallon stainless steel tanks and chemical applicator, Marlow PTO irrigation pump, 48 pieces 30'x16" and 35 pieces 40'x6" irrigation pipe.

Trucks

1974 Ford Louisville 9000 truck tractor with 290 Cummins engine & twin screw.
1970 Dodge utility truck.
1963 Mack 6 wheel truck.

TERMS: Cash or Approved Check.

Owner
LEONARD FARMS, INC.

Sales Mgr. & Auctioneers
C.T. SCUSE & SONS, INC.
302-653-7530

Lunch

PUBLIC AUCTION

ANTIQUES, BLANKET CHEST, COVERLETS, MARBLE TOP TABLE, SCHNITZEL BUNK, TOYS, BEATLES & BASEBALL CARDS, DOLLS, HOUSEHOLD, DISHES

TUESDAY, EVE. DEC. 9, 1986

4 P.M.

New Mahoning Fire Hall, 6 Mi. W. of Lehighton, off Rt. 443

ANTIQUES: Dovetailed blanket chest w/drawer (old paint), claw ft. Oak Parlor table, Oak corner chair, Mission Oak octagon game table w/chairs, Victorian couch & tuffted side chair, claw ft. & twist base Victorian pedestals, Mahogany 3 tier book case & rocker, hall table, wooden arm chairs, heavy leg dining rm. table, old 2 dr. cupboard, footed Majolica umbrella stand, 3 hand woven coverlets w/Eagles in corners, quilts, linens, doilies, lace tablecloths, prayer rug, tapestry, lace, beaded collar, plumes, Army clothes, Eagle & other tin cookie cutters, Blue agate, tins, L. Bergdoli Brewing Co. & Stegmaier beer trays, wall coffee grinder (mint), gilt bird cage, school desk, baskets, bench, sgl. & dbl. trees, Tamaqua jugs.

TOYS: Leaded marching band- army figures- Royal Mounties- Indians- Stage Coach w/riders (in box), Lionel cars- pullman- observation- searchlight, Lincoln sta. N.M. 80 figures in box, Marx elec. lighted R.R. station, Hot Wheels & Match Box toys, Plasticville pcs., Gilbert Co. Erector set, A cycling four game, pop gun w/crows on fence, musical Santa, wind up bear & tank, Paper Mache Santa on sled, Xmas ornaments inc. Santa, celluloid animals, some red eyes, Donkey nodder, elec. decor. bulb w/flower, gamblers poker chip game box, etc.

DOLLS: Bisque A.M. Dream Baby w/brown eyes, Oriental doll, Jenny Lind head, story book dolls in boxes-Riding Hood- Puss in Boots, Wicker doll cradle, childs rocker etc.

PAPER ITEMS: Beatles cards- color & b/w., Fleer cards, Baseball cards & uncut card sheets, scrap books w/WW2 airplanes, album w/tin types, magazines- Jessie James- Romance in Flying- American in action- USA is ready- 1939 Worlds Fair- Royal Jubilee of England 1910- 1935- Tarzan- Flash Gordon Big Little books- Hunters- Gun- Spotters & Club books, Xmas cards, sheet music, History of Sch. Co., Colliers History books, oil paintings, pictures, etc.

HOUSEHOLD: Fruitwood 5 Pc. Dinette set w/6' glass dr. lighted Hutch & spindle chairs, sofa, gossip bench, end tables, fl. & table lamps, mirrors, chests of drawers, beds, chairs, refrig., auto. washer, 2 wheel bike, park bench, Ruby- Carnival- Pressed- Art- Depression- R.S. Prussia- Nippon- Copper Lustre- Spongeware- Bisque pcs., childs tea set, gold trim goblets, Beaded purse, fancy hat pins, jewelry, watches, rings, etc. some tools, LARGE SALE.

Sale by
KATE SHERRIE

Houser Aucts.
AU-000445L
717-386-5631 or 2191
215-799-2396

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

10 - 10AM Ea. Day. Real Estate, Hdw. Store & Vacant Land, Hdw., Tools, Plumbing, Housewares, Stationery, Fixtures. Estate of Albert Gellenthin Jr. Del-Val Hardware & Mill Supply, 1315 N. Delaware Ave., Paulsboro, NJ. Wm. F. Comly & Son, Inc., Aucts.

WED. DEC. 10 - 10AM Tractors, Trailers, Farm Eq., Shop Tools & Eq. Going E. on Rt. 9 from Georgetown, DE, to Lewes, DE, turn left on Rt. 5 at Harbeson, DE, go N. approx. 1 mi., 1st farm on left. Martin Farms. Wilson's Auction Sales, Inc. Dave Wilson, Auct.

WED. DEC. 10 - 10:30AM 177 Head Reg. Holstein Dairy Cattle. Millerdale Farm Complete Dispersal at Ulysses, PA, Potter Co. 18 mis. N. of Coudersport, PA. 20 mis. SE of Wellsville, N.Y. 8 mis. S. of Genesee, PA. Alvin & Donald Miller, owners. Rockwell Auction, Inc. Sale Mgrs.

WED. DEC. 10 - 11AM Complete Saw Mill. Wilcox Saw Mill Auction located 5 mis. S. of Canton on Rt. 414, Off Rt. 220, at Monroeton, PA. Ordered by: Small Business Administration. Jerry Burke, Auct.

WED. DEC. 10 - 11AM 33 Holstein Dairy Cattle of Charles & Beverly Morris, Sugar Run, Bradford Co., PA. 1 mi. off Rt. 187, turn off Rt. 187 in Sugar Run on road to Quicks Bend follow arrows, 3 mis. S. of Wyalusing, PA. Howard W. Visscher, Auct.

WED. DEC. 10 - 1PM Two Special Consignments at Belleville Livestock Mkt., Belleville, PA.

WED. DEC. 10 - 2PM 54 Acre Steer and Hog Farm. Located along Mill Road, 1 mi. NE of Goodville. Walter & Alice Hoover, Owners. Nevin Martin & Lewis Groff, Aucts.

WED. DEC. 10 - 3:30PM Public Sale of Antiques, HH Goods, GMC Suburban & Coins. Brickerville Fire Hall. 8 mis. W. of Ephrata, Lancaster Co., PA. Terms by Elvin & Mabel Williamson. T. Glenn Horst, Auct.

THURS. DEC. 11 - 9AM Trucks, Heating & Cooling Systems, Parts & Acces., Excess Inventory. 1162 Steinmetz Rd., Ephrata, PA. Just off Rt. 272 between Ephrata & Akron at "Goodwill". Terms by: Brubaker & Rupp, Inc. T. Glenn & Timothy G. Horst, Aucts.

THURS. DEC. 11 - 10AM Trucks, Snow Plowing Eq., Backhoe, Garage Eq., Vehicles, etc. Rt. 100, Uwchland, 6 mis. N. of Exton, 12 mis. S. of Pottstown, PA. By: Alex Delcane & Fred Adams. Hess & Moyer, Aucts.

THURS. DEC. 11 - 11AM Farm Eq., Trucks, Irrigation. 2 mis. S. of Felton, DE, on US 13 at Kent Packing Building. Leonard Farms, Inc., Owner. C.T. Scuse & Sons, Inc., Aucts.

THURS. DEC. 11 - 11AM 24th Golden Harvest and 335th Garden Spot Sales at Lebanon Fairgrounds, Lebanon, PA. 180 Registered Holsteins. Backus Associates, Aucts.

THURS. DEC. 11 - 12 Noon Real Estate, Cattle & Mach. 4½ mis. N. of Woodsboro, MD, off Rt. 194 on Legore Bridge Rd. Mr. & Mrs. Allan L. Flanigan. Robert C. Mullendore, Auct.

THURS. DEC. 11 - 12 Noon 2 Estates, Plus Small Collection of Clocks and Pocketwatches, Furniture, Clocks. Blaine Rentzel's Auction Barn, 1 1/10 mi. N. of Manchester, PA, along Rt. 181, turn right at White Rock. Rentzel's Auct. Serv.

THURS. DEC. 11 - 2PM 96 Acre Lebanon Co. Farm Real Estate. S. Annville Twp., Lebanon Co., PA. Along Rt. 322, ¼ mi. E. of Rt. 934. Turn N. into farm lane. Isaac L. Lentz, Owner. Earl S. Buffenmeyer, Auct.

FRI. DEC. 12 - 10AM 40½ A. Dairy Farm, Farm Machinery, HH. Take Rt. 897 N. of Fivepointville to Chestnut Hill Rd. turn left to Woodlyn Drive, turn left to farm on right. Brecknock Twp., Lanc. Co. Terms by: Eli Z. & Ada M. Martin. Kline, Kreider, Good, Jr., Aucts.

CHARLES & BEVERLY MORRIS
SUGAR RUN, BRADFORD COUNTY
FARM DISPERSAL

due to health problems we have been commissioned to sell on

WED., DEC. 10th, @ 11:00 A.M.

at the farm- 1 mile off Rte. 187- turn off Rte. 187 in Sugar Run on road to Quicks Bend follow arrows- 3 miles south of Wyalusing, Pa.

33 HOLSTEIN DAIRY CATTLE 33

31 mature cows in various stages of lactation Cows are a little thin, but they show dairyness and quality- 2 heifers 30 day blood and T.B. tested- Shipping fever shots- Preg. examined.

FARM MACHINERY: Case 770 diesel tractor; Ford 5000 diesel tractor; N.H. 479 haybine; NH 268 baler w/thrower; NH 717 chopper 2 heads; Kneverland 3 btm. spring reset plow; transport disc; transport harrow; M.F. corn planter; Gehl chopper; Case rake; Bush Hog; post hole digger; 2 augers; Ford 7 ft. blade; Skeleton elevator; grain elevator; alternator; cultivator; Lily fert. spdr.; N.H. blower; cultipacker; Lamco, N.H., Int. self-unldg. wagons; bale wagon; A.C. & N.H. manure spreaders.

TERMS: CASH OR GOOD CHECK

OWNERS
CHAS. & BEVERLY MORRIS
HOWARD W. VISSCHER AU959
SALES MANAGER AND AUCTIONEER
NICHOLS, N.Y. 607-699-7250
LUNCH AVAILABLE

PUBLIC SALE

FARM EQUIP.-
5 TRACTORS-
4 TRUCKS-
2 PAYLOADERS
SATURDAY, DEC. 20, 1986

9:30 A.M.

Located: Along Rt. 441 North of Columbia, Pa.
Top of Chickies Hill

TRACTORS 1085 Massey Ferguson, 1350 hrs. (one owner); 2010 J.D. w/Culti. (gas); 450 Farmall (gas-one owner); 350 Farmall (gas); M.M. Uni Tractor w/NEW IDEA Mounted Picker (runs); TL6 Payloader; TL14 Payloader; **BACKHOE**- '73 CASE 580B Extend-a-hoe w/Shuttle & cab, 18" Bucket, (good Cond.)

TRUCKS

White Truck Tractor w/220 Cummings 10 Sp. Trans, Single Axle; '71 INT. Cab-Over 1610 w/16 Ft. Dump; '64 INT. 1600 w/12 Ft. Dump (Farm); '64 INT. 1600 w/12 Ft. Flat Bed (Farm); Tandem Axle 20 Ft. Trailer (no title).

FARM EQUIPMENT

JD 7700 COMBINE (D) W/Rotary Screen, Hydro. Cab & Air, 6 R. Narrow Corn Head, 13' Platform; 5400 John Deere Self-Pro. Harvester, Cab & Air, 4-wh. drive, 3 Row Narrow & New 7 Ft. Pickup (Good Cond.); 225 Int. Hayswather (self-pro), N.I. Ensilage Blower; 2 Badger Self-unloading wagons w/roofs; 6-R. Int. 400 Air Planter; Taylor Way 10 Ft. Cutaway Plowing Disc; Int. #475 14' Disc; Brady 18 ft. Field Cultivator; Int. 700 5B 16" Auto. plow; Two J.D. Drills; Int. 35 Rake (like New); Int. 430 Baler w/Thrower; Int. #100 7 Ft. Fast Hitch Mower, Int. 2 16" B. Fast Hitch Plow; 11 Ft. Cultipacker; Century 300 Gal. Trailer Sprayer; 12F dump wagon w/963 J.D. Gears; Thrower Wagons on 963 J.D. Gears; 16 Ft. Harvest Handler (elec. w/motor); Drag Elev. w/motor; THREE Bin Wagons; Elec. Welder; Air Compressor; Honda Motor Cycle; 12 Rolls New Fencing; 50 Bale Twine; Twisted Spikes; Snapper Lawn Mower; Hydro. Post Driver; Hance Seed Cleaner #100. Plus many items not listed.

LUNCH AVAILABLE-
REASON FOR SELLING-
Discontinuing Farming Operation
Equip. In Good Shape & Well Maintained
NOTE- Financing Available On Big Equipment To Qualified Buyers.
Arrangements Must Be Made With Owner Prior To Sale Day. Please Be Prompt.

SALE BY
RICHARD O. BINKLEY
Phone 684-5895
WOLGEMUTH AUCTION SERVICE
Ph. 665-5664 Lic. #1036

TUES. DEC. 9 4PM Antiques, Blanket Chest, Coverlets, Marble Top Table, Schnitzel Bunk, Toys, etc. New Mahoning Fire Halal, 6 mis. W. of Lehighton, off Rt. 443. By: Kate Sherrie. Houser Aucts.

TUES. DEC. 9 - 5.30PM Antique Furniture, Dishes, etc. Wellsville Fire Co. Social Hall along Rt. 74, 8 mis. S. of Dillsburg or 15 mis. N. of York, York Co., PA. H. Farlow. Clair R. Slaybaugh, Auct.

TUES. & WED. DEC. 9 &

BLAINE RENTZEL'S AUCTION BARN
THURSDAY, DEC. 11, 1986
12:00 NOON
2 ESTATES- PLUS SMALL COLLECTION OF CLOCKS AND POCKETWATCHES
Furniture and clocks will be sold in evening

LOCATED 1 1/10 Mile North of Manchester, PA Along Rt. 181, Turn Right at White Rock. "Watch for Signs."

PARTIAL LISTING- 7:00 P.M.

Grandfather's Clock made by W. Bobb Montrose dated 1751- Flowered Face w/Brass Owl on Case, Columbus Wall Clock w/Wooded Works and Gears- 1492, Weight Driven, Wooden School House Wall Clock, School House Wall Clock by National Clock Co. w/Chimes, Weight Driven Mantle Clock w/Cherry Case and Skip on Glass made by L.N. Welch (inscription on back of face J.L. Kable Merchant Sailor, 1874, York, Pa), Mantle Clock by Waterbury w/Chimes, Wall Clock w/Cherry Cabinet-made in Germany- West Minster Chimes, Mantle Clock w/Alarm, Sessions and Gilbert 8 Day Mantle Clocks, Wall Clock- made by Seikosha, 3 R.R. Pocketwatches- New Era, Elgin, American Keywind, Pocketwatch w/2 Faces, Ingersoll Reliance 7 Jewels, Imperial, Elgin, Chatillon Co., Etc.

PLUS 2 ESTATES OF FURNITURE AND DISHES

TERMS: CASH OR GOOD CHECK

Rentzel's Auction Service
Emigsville, PA
Blaine- Nevin- Ed
#761- #1442- #1329

Auction Room:
266-1671
Office:
764-6412

PUBLIC AUCTION

Tractors, Farm Equipment, Tools, Straw
WED., DECEMBER 31, 1986
10:00 A.M.

LOCATED: York County, PA Rt. 30 to Hellam Exit, South across Rt. 462 (E. Market Street) onto Freysville Road, 2 Miles to Fry's Lane on Left, 1st Farm on Right.

New Idea 323 Corn Picker (excellent shape). Allis Chalmers C Tractor w/Hydraulics, Cultivators and 2 Row Mtd. Planter. John Deere Model A Tractor (1945) (A1 condition). John Deere Model H Manure Spreader. Smoker 32' Elevator. BMB 5' Pull-Type Rotary Mower. Approx. 300 Bales Wheat Straw (to be sold by bale).

New Holland 66 PTO Baler, Case 4 Bar Rake, AC 2 Row Mtd. Planter, J.D. Lime Drill, 2- 14' Flat Wagons w/Side and Back Ladders, 12' and 20' Alum. Corn Elevators, Front Mtd. Circular Saw, 8 Row Field Sprayer w/Poly Tank, 3 Sect. Spring Harrow, Rhome Disk Harrow, Cement Mixer, Potato Plow, Garden Seeder, Garden Cultivator, JD Walking Plow, 2 Drag Sleds.

2 Iron Butcher Kettles w/3 Ft. Stands and Lids, Wooden Wheel Barrow, 500# Platform Scales, Lard Press, Scalding Trough, 3 Whl Freight Cart, Benches, Wash Tubs, Iron Picket Fence, Wagner Turner Drill Press, Anvil, Elec. Motors, Shop Vacuum, Chain Binders, Log and Tow Chains, Tire Chains, Lot 1" Turkey Wire, Ladder Wooden Gates, Dolly Wheels, Strap Steel, Stove Pipe, Storm Windows, Asbestos Siding, Barn Hinges, and More.

TERMS: CASH OR GOOD CHECK.

NOTE: This equipment is in exceptional condition, operated by owner on 20 acre farm and kept under roof.

SALE CONDUCTED FOR:
MR. & MRS. RICHARD E. DIETZ
RD 24
York, PA
(717) 755-4215

AUCTIONEER:
Blaine N. Rentzel
Emigsville, PA
(717) 764-6412
PA Lic. #761

"SHORT NOTICE"
VALUABLE FARM REAL ESTATE
PUBLIC AUCTION

40½ Acre Dairy Farm
Farm Machinery - Household Items
FRIDAY, DECEMBER 12, 1986
10:00 A.M.

LOCATION: Take Rt. 897 North of Fivepointville to Chestnut Hill Road turn Left to Woodlyn Drive, turn Left to Farm on Right. Brecknock Twp., Lancaster County.

REAL ESTATE consists of 40½ Acres more or less of Bucks silt loam soil w/approximately 35 Acres tillable, balance pasture w/stream and woods, (Zoned Agriculture) road frontage on both sides of Woodlyn Drive. Dwelling consists of log and frame 2½ story, 4 bedroom, eat-in kitchen, living room, guest room, and large wash house and wood shed. Barn is frame and block bank barn w/29 tie stall stanchions, gravity flow gutters w/5 month manure storage, 40' bunk space w/head gate, 12'x50' stave silo, block milk house, frame tobacco shed 32'x45' w/20' height, pole equipment shed 20'x40' w/attached corn crib and hay drying shed. Ideal farm ready to go w/early possession. **Real Estate Sale at 1:00 P.M. Terms 10% sale day, balance on or before December 31, 1986. Inspection anytime by appointment. For details, land plot plan, etc., call Auctioneers 717-733-1006.**

FARM MACHINERY: MF65 and JD50 Tractors on steel, Oliver 2 bot. trip plow, JD plow, 3 pt. chiseler, 3 section harrow, 9' cultipacker, 9' drag, roller, JD 4 row corn planter, JD cultivator, JD loader brackets, JD 7' mower, JD crimper, 8' 13 disc ontario grain drill, 9' 990 IH haybine, 303 AC baler w/thrower, Kemiflo preserve applicator, Beacon hay preserver, moisture tester. 8 T. Zimmerman 16' bale wagon, 6 T. 16' bale wagon, 3 pt. balespear, 3 pt. 125 gal. sprayer, JD #34 manure spreader, 1100 gal. liquid manure spreader, 28' Zimmerman manure auger, 3 pt. 8' blade, 4 bar N.I. side rake, sauder loader with dump cylinder, N.H. flail chopper, 3 pt. 2 row blackhawk corn planter, JD bale thrower, 28' Kingwise elevator, 68' skeleton elevator, 12' Feedeasy silo unloader, 15 KW generator, 275 gal. gas tank w/pump, lots of new and used lumber, fir 4"x4"x15', 4"x7"x18', boards, 60" agri. fans, other fans, 2-30", 2-36", 30 gal. gas hot water heater, surge timer, Delaval timer, 12' gates, hog trough, shovels, forks, elec. motors, calf hutches. Bulldozer fencer, sunbeam cow clipper like new, blades, 14 bags barn dry, Kurtz and wanner pump jack, scalding trough, equip. for parts: JD50, case cornbinders, MC horsemower lots of scrap iron, 4 hp. self-propelled lawn mower, Gilson rototiller, stihl mist blower.

HOUSEHOLD GOODS: warm morning coal heater, dresser w/mirror, wardrobe, sofa bed, iron kettle, utility table, cabinet w/metal top, meat slicer, misc. dishes kettles.

Refreshments Available

NOTE: Sale order: Small farm items, household goods, farm machinery, (all to be sold before real estate), very few small items: Machinery sold early.

TERMS BY:
ELI Z. & ADA M. MARTIN
215-445-5928

AUCTION CONDUCTED BY:
Randal Kline, Lloyd Kreider
Roy Good, Jr., Auctioneers
717-733-1006 or 215-445-4309
Lic. #AU-002116-L

KLINE & KREIDER AUCTIONEERS
345 W. Mt. Airy Rd., Stevens, PA

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI. DEC. 12 - 10:30AM Farm Mach., HH. From W. Chester follow Rt. 52 S. 2 mis. to Birmingham Rd. Turn N. at Strode's Mill into Birmingham Rd. to farm ½ mi. on left. 302 Birmingham Rd., East Bradford Twp., Chester Co., PA. By: Dale H. Teter. Whitford Sales Co.

FRI. DEC. 12 - 11AM 51 Head Holstein Cows & Heifers. From Frederick take Rt. 26 to Rt. 194 N. to Ladiesburg, turn right on Warner Rd., go approx. 4 mis. to Renner Rd., turn right on first farm on right. From Littlestown, PA, take Rt. 194 S. approx. 7 mis. S. of Taneytown to left on Warner Rd. Mr. John Stitely. Trout Aucts., Inc.

FRI. DEC. 12 - 11AM Onion & Potato Eq. 7620 Ivison Rd., Byron, NY. 6 mis. NE of Batavia, just N. of Rt. 33. Wm. Kent, Inc., Aucts.

FRI. DEC. 12 - 1:30PM PA State Graded Feeder Pigs. Carlisle Livestock Market, Exit 12 Off I-81.

FRI. DEC. 12 - Woodward, Centre Co., PA. Complete Milking Herd and Bred Heifer Dispersal. David & Cecilia Houser, Owners. Sale Managed by: Kling's Auction Service. Jim Smith, Auct.

SAT. DEC. 13 - 85 Holsteins, Dairy & Farm Eq. Cecil Mason, Ferrum, VA (Near Rocky Mount). Ownby Auct. & Realty Co., Inc.

SAT. DEC. 13 - 9AM Public Auction Antiques & Collectibles located at the former White Horse Fire Hall, along Rte. 340, (the old Phila. Pike), east or Rte. 897 in the Village of White Horse, Salisbury Twp., Lancaster Co., PA. Terms by Ralph V. H. Wood & Edith T. Wood. T. Glenn Horst, Auct.

SAT. DEC. 13 - 9AM Total contents and removable architectural features of The Third Presbyterian Church, E. Jersey St., Elizabeth, NJ. Jack Wootton, Auct.

SAT. DEC. 13 - 9:30AM 67 Acre Farm, Farm Eq., Antique Automobiles. 396 Trail Rd., Elizabethtown, PA, Mt. Joy Twp., Lanc. Co. At Elizabethtown Square take E. High St. (Elizabethtown/Manheim Rd.) approx. 4 mis. to Trail Rd. (Drumhellers Garage), go north to sale. By: Aufen Seward. Raymond Miller, Rufus Geib & Jim Hershey, Aucts.

SAT. DEC. 13 - 9:30AM Surplus Used Office Furniture & Eq. 4 mis. E. of Lancaster off Rt. 340 at 219 Witmer Rd. Rear of Lapp Electric, Inc. Keller Aucts. Claude F. Bechtold & Harold K. Keller, Aucts.

SAT. DEC. 13 - 9:30AM 16th Farm Mach. Consignment Auction. Jim Trout's Farm, 10104 Dublin Rd., Walkersville, MD. From Frederick, MD, take Rt. 15 N. approx. 5½ mis. to Biggs Ford Rd., turn right go approx. 1½ mis. to Dublin Rd., turn left, approx. 1½ mis. on left. Trout Auctioneers, Inc.

SAT. DEC. 13 - 10:00 a.m. 322 Miller St., Strasburg Boro, Lanc. Co. Garage Equip., Tools, Tractor, Antiques & Household Goods. Owner: Paul A. & Esther I. Herr. Auctioneers: Alvin Miller & Elvin Siegrist.

SAT. DEC. 13 - 10AM HH, Antiques, 16' Run-a-bout w/65HP Evinrude Motor and Trailer. Local Estates and From the Inn at Mitchell House and Others. At Rudnick's Sales, Rt. 213, Galena, Exit 23 (Downingtown). Follow Rt. 100 S. 2 mis. to Rt. 113. Left on Rt. 113 then 5.5 mis. to Western Rd. (5 mis. S. of Phoenixville) on right. Follow Western Rd. 8/10 mis. to farm on left. East Pikeland Twp., Chester Co. By Order of: Dr. Hugo Rodriguez. Whitford Sales Co.

MD. Harry Rudnick & Sons, Inc.

SAT. DEC. 13 - 10:30AM Farm Mach., Cattle, Trucks, Tools. Gaylan Angus Farm. PA Turnpike

2 DAY AUCTION SALE

FINAL AUCTION FOR THE ESTATE OF ALBERT GELLENTHIN JR.

REAL ESTATE
HARDWARE STORE & VACANT LAND

HARDWARE, TOOLS, PLUMBING HOUSEWARES, STATIONERY, FIXTURES
TUES. & WED., DECEMBER 9 & 10
10 A.M. EACH DAY ON PREMISES
DEL-VAL HARDWARE & MILL SUPPLY
1315 N. DELAWARE AVE., PAULSBORO, NJ.
REAL ESTATE TO BE SOLD ON DEC. 9 AT 12:00 NOON

CABINET HDWE., GARDEN TOOLS, SHELVING

Copper Tubing, Screws, Bolts, Nuts, Hinges, Door Pulls, Chain, Clamps, Rivets, Trowels, Chalk, Locksets, U-Bolts, Knobs, Turnbuckles, Oilers, Ladders, Stove Pipe, Pitch Forks, Screen Wire, Egg Crates, Spouting Supplies, Emergency Lights, Ext. Cords, Insect Spray, Drain Cleaners, Waxes, Lubricants, Wood Dough, Knife Blades, Casters, Sprinklers, Caulking Guns, Grass Shears, Wiss Shears, 175 Sections Metal Shelving, Bath Faucets, Motor Oil, Wire, Locks, Ceiling Fans, Thresholds, Door Stops, Telephones, Nails.

BULBS, HOUSEWARES, STATIONERY

Fluorescent Bulbs, Flood & Spotlights, Lamp Bulbs, Steel Wool, Paper Supplies, Cups, Sponges, **HOUSEWARES**- Pots, Pans, Pitchers, Perculators, Thermos Jugs, Ice Picks, Stoppers, Buckets, Knives, Appliance Cords, Silverware, Sugar Pourers, Paper Bags, Kitchen Utensils, Sporting Equip.- Softballs, Golf Balls, Fishing Supplies, Briefcases, **STATIONERY**- Stamp Pads, Paper Clips, Loose Leaf Pads, Columnar Pads, Index Cards, Ledger Sheets, File Guides, Envelopes, Slide Rules, Staplers & Removers, Typing Paper, Sharpeners, Cash Boxes, Punches, Ink, Tape.

PAINTBRUSHES, WORK GLOVES, 650 CLOCKS

3,000 Paintbrushes 1"-5", Rollers, Roof Brushes, Brooms, Spray Guns, Wire Brushes, Scrub & Masonry Brushes, Thermos Bottles, Workman's Lunch Kits, Part Bins, Work Gloves, Rubber & Garden Gloves, 650 Wall & Alarm Clocks, Timer Switches, Switchplates, Caster Cups, Mopheads, Sash Cord, Lanterns, Flashlights, Tool Boxes & Tool Chests.

THE ABOVE ITEMS WILL BE SOLD ON TUES., DEC. 9- STARTING AT 10 A.M.
THE BELOW ITEMS WILL BE SOLD ON WED., DEC. 10- STARTING AT 10 A.M.

ELECTRIC DRILLS, DRILL BITS, HAND TOOLS

20 B & D 3/8" ELEC. DRILLS, B & D Circular Saws, Finishing Sander, Router, 1¼" & 2" Elec. Hammers, Tap & Die Sets, Levels, Chisels, Knives, Vises, Wrench Sets, Nicholson Files, Stanley Screwdrivers, Scrapers, Pipe Wrenches, Soldering Guns, Tip Irons, Hoists, Blocks, Auger Bit Sets, Chucks, **9,000 HIGH SPEED & MASONRY DRILL BITS TO 1".**

50 SECTIONS WOOD & GONDOLA DISPLAYS & SHELVING, 25 SECTIONS METAL SHELVING

PLUMBING, ABRASIVES, SAFETY EQUIPMENT

Plumbing Fittings- Lavatory Supply, Flush Valves, Chrome Fittings, Faucets, Check, Globe & Gate Valves, Nipples, Cock Valves, Brass Tees & Unions, Compression Fittings, Adding Machines, Cash Register, Machine Screws, Apex Butts, Grinding Discs & Wheels, Band Saw Blades, Air Filters & Respirators, Protective Glasses, Welding Helmets, Hard Hats, Tool Pouches, Metal Cutoff Blades & Wheels, Saw Blades, Folding Rules, Tape Rules, Lumber Crayons, Car Jacks, Sandpaper.

INSPECTION MONDAY, DECEMBER 8- 9 A M to 3 P M
TERMS CASH OR CERTIFIED FUNDS- 25% DEPOSIT REQ

PA AUCTIONEERS LICENSE NO AU000175L

Wm. F. COMLY & SON INC
Auctioneers
1825 E. BOSTON AVE. PHILA. PA. (215) 831-2500

PUBLIC AUCTION

Real Estate- 10 Acre Farmette w/Ranch Style House
Household Goods- Tools- Farm Equip. Trucks
SAT., DECEMBER 27, 1986
9:30 A.M.

LOCATED: York Co., PA turn South off Rt. 30 at Wrightsville Exit, follow Cool Creek Road T774 to East Prospect, continue straight on to Rt. 124 into Craley, turn Right or Rt. 624 go approximately 1 mile to edge of Martinsville, turn Left onto Hakehollow Road. Follow to sale. Watch for Signs from Craley. From Red Lion follow Rt. 624 to Martinsville and turn Right at Hakehollow Road.

12:30 REAL ESTATE 12:30

Approximately 10 Acres in Lower Windsor Twp., York County, PA, improved w/a Frame Ranch Style House having large Kitchen, Dining Room, Living Room, Unfinished Family Room w/Stone Fireplace, and Full Bath on First Floor, 3 Bedrooms and Bath on Second Floor. Large Basement w/2 Car Garage, Oil Hot Water Furnace, Wall to Wall Carpet. Kidney Shaped In-Ground Swimming Pool w/Roman Steps, Block Garage 20X24, Pole Barn 40X60 used previously for feeding cattle and equipment storage. 7 Acres Fenced - 3 Acres for Farming. Road Frontage on Hakehollow Road. Electric and Water in all Buildings. Spring Water and Well Water.

TERMS: 10% Down Sale Day, Balance in 60 Days - Or possession can begin immediately with Full Settlement.

Open for Inspection Sunday, December 7 & 14 - 1 P.M. to 4 P.M. or by Appointment by phoning 244-0362 before 8 A.M.

Household Goods

Queen Size Bed, Twin Beds, Single Bed, Edgewood Bedroom Suit (Dresser, Chest of Drawers, Night Stand), Lane Cedar Chest, Oak Stand w/Claw Feet, Living Room Suit, Coffee Table, Stereo and Speakers, End Stand, Grandmother's Clock (new), Zenith Color TV, Drop Leaf Table, Wooden Chairs, Bar Chairs and Stools, 4 Hanging Lights w/Prisms, Sectional Sofa, Breakfast Set, Dresser, Kitchen Cabinet, Night Stand, End Table, Buffet w/Hutch, Table and 4 Chairs, Roll-top Desk and Chair, Display Case, Large Sectional Sofa (6 Pieces), Slant-top Desk, 15 Toy Caterpillar Equipment Items, Set of Blue Willow, Silverware, What Nots, Flatware, Gibson 20 Cu. Ft. Freezer, Frigidaire 15 Cu. Ft. Freezer, Maytag Washer and Dryer, Wood Stove w/Coal and Wood Grate.

MOST OF THIS FURNITURE IS IN LIKE NEW CONDITION AND DARK WOOD FINISH.

Farm Equipment- Trucks- Tools

1968 Chev. 50 Series w/18 Ft. Cattle Body, 2 Speed Rear, 21,000 GVW.
1973 Chev. Flat Bed Dump, 17,000 GVW.

1450 Cub Cadet Hydrastatic w/44" Mower, Snapper Rotary Mower, Hahn Rotary Mower, Rototiller, Stihl Weedeater, Stihl L-15 Chain Saw, Homelite Mist Sprayer, 16 Speed Floor Model Drill Press, Bench Grinder, Radial Cut-off Grinder, International 95 Electric Riding Mower, Planter Jr. Seeder, Work Bench, Hydraulic Jacks, Wards Portable Air Compressor, Home Printer w/Letters, Miscellaneous Mechanical Tools, Platform Scales, Extension Ladder, International 664 Diesel Tractor w/3 Pt., Power Steering, J.D. 3X14 Plow - rebuilt, International Off-set Transport Disk, 3 Pt. Cultivator, 3 Pt. Tiller, 3 Pt. J.D. Tool Bar, Myers 3 Pt. Sprayer, J.D. F.B.B. Drill (needs repairs), Cattle Bench Feeder, Farm Gates, Troughs, Fence Post and Fencing, Forks, Shovels, Hose, and Many Items Not Mentioned.

TERMS: CASH OR GOOD CHECK
FULL SETTLEMENT SALE DAY

Sale Conducted For:
CLAIR REXROTH
NANCY L. REXROTH
ATTORNEY: Eveler & Eveler

AUCTIONEER:
Blaine N. Rentzel
Emigsville, PA
(717) 764-6412
Lic. #761

PUBLIC SALE

THURSDAY, JAN. 15, 1987
9:00 A.M.

47 ACRE DAIRY FARM
HI GRADE HOLSTEIN HERD
FARM MACHINERY- MILKING EQUIPMENT, FEED- SPUTNICK
REAL ESTATE

Consists 47 acres, bank barn, attached dairy barn new 1980- 29 comfort stalls, manure pit, heifer barn attached to main barn 141x60 silo, 600 gal. milk tank sells with Real Estate. 4 bedroom, 2½ story house, full bath upstairs. **10% down sale day, final settlement 60 days. To see, stop at farm Mon. thru Sat. between chore time.**

Located in Dauphin Co., Pa. 8 miles east of Millersburg, 2 North West of Berrysburg, from Rt. 25 go north on rt. 225 to Shippen Dam Rd. left to Miller Rd. right.

Owners,
DAVID B. & BARBARA K. STOLTZFUS

Auct. Steve
Steve Jr. **Petersheim**
AU 001399L

Food On Premises

PUBLIC SALE

OF ANTIQUES, HOUSEHOLD GOODS, GMC SUBURBAN & COINS
BRICKERVILLE FIRE HALL
WEDNESDAY, DEC. 10, 1986
At 3:30 P.M.
Suburban At 7 P.M. Coins At 8:30 P.M.

Sale to be held at Brickerville Fire Hall located just off Rt. 322 (along Hopeland Road), approx. 8 miles West of Ephrata, Brickerville, Lancaster Co., Pa.

GRAINED SIDEBOARD
BOWED OAK CHINA CLOSET

Marble Top Washstand & Bureau; Cottage Bureau; Dry Sink; TIFFANY TYPE HANGING LIGHT; TIFFANY TYPE TABLE LAMP; Gone-With-Wind Parlor Light; Mantel Clock; Child's Rocker; Antique Highchair; Blonde Oak Bedroom Suite, Early American Sofa Bed; Slaw Board End Table; Dough Box; Youth Bed; Chests-of-Drawers; Rocker-Recliner; Wood and Upholstered Chair; Oak Cabinet; "New Home" Console Sewing Machine (like new); Microwave; 25" Magnavox T.V.; Magnavox Stereo.

G.E. Automatic Washer & Dryer; 18 cu. ft. Freezer (Chest-type); 16 cu. ft. Refrigerator-Freezer; Upright Sweeper; Humidifier; Butcher Block; School Desk; Cedar Chest; Wicker Table; Lawn Furniture.

Corinthia Platters & Plates (Blue); Union Plates (Blue); "Naples" Italy Veg. Bowl; Royal Blue "Balmoral"; Jenny Lind Plate; "Royal Morarine" Limoges Cake Set; Ironstone Bowls; Mattock Ironstone Platter; Carnival Footed Bowl (Grape); Homer Laughlin "Willoware" Bowls; Corelle Ware (12); LUSTRE CREAMER.

Ruby Glasses; Amber Glassware; Vaseline Pitcher & Salts; GLASS Compote; Cake Stand; Serving Bowls; Pitcher; Salts; Goblets; Vase; Glass Basket; Stemware.

Agate; Brown Jugs; Redware & Other Crocks; Iron Bull Dog; Iron Bookends; Brass Candlesticks; Candle Mold; Milk Can; Pictures and Frames; Baskets; Books — Children & Other; Antique Tin "Popeye & Olive" Toy; Wooden Toy Barn; Wooden Ice Skates; Christmas Decorations; Wheelbarrow.

Schwinn Boy's Bicycle; Lantern; Kerosene Jar; Coleman Heater; Fishing Equip.; Hunting Items; Duck Decoy.

Hand and Garden Tools; Rakes; Stepladder; Aluminum Extension Ladder; Rubber Tire Wheelbarrow; Honda HR 21 Power Mower; Lawn Boy Self-Propelled Lawn Mower.

1979 SIERRA CLASSIC GMC SUBURBAN

(31,000 actual miles), A.C., 1 Owner, Fine Condition. **COINS**- 1882- 10 Dollar Gold Piece; 81- Silver Dollars; 64 Silver Half Dollars; 28 Part Silver Halves; 166 Silver Quarters; 64 Silver Dimes; Nickels; Wheat Pennies.

Terms by
ELVIN & MABEL WILLIAMSON
T. Glenn Horst, Auct.
859-1331 — AU000438L
Timothy G. Horst, Auct.
738-1245 — AU001767L

FARM MACHINERY & HOUSEHOLD FURNISHINGS

PUBLIC AUCTION

FRIDAY, DEC. 12, 1986

10:30 A.M.

Location: From West Chester follow Rt. 52 South 2 miles to Birmingham Rd. Turn North at Strode's Mill into Birmingham Rd. to farm ½ mile on left. 302 Birmingham Rd., East Bradford Township, Chester Co., Pa.

FARM MACHINERY

Int. model 240 fast hitch tractor (gas); Int. 2 btm. plow; (2) Int. fast hitch mowers; 3 pt. or fast hitch back blade; Int. model 110 manure spreader; Int. 2 row pull type corn planter; Int. C post hole digger; (2) Int. steel wheel rakes; Fast hitch weeder; (2) Int. disc-harrow (8'); Int. 300 cultivator; NH Super 66 PTO baler; Shop Tools; Shop Grinder; Milk Cans; 3 bicycles; antique water ram; 3 saddles; Barn tools; 3 wheelbarrows; 2 mows of hay.

HOUSEHOLD FURNISHINGS

Oval library table w/claw feet; 3 trunks; book shelves; Drop leaf table; magazine racks; books; 30 old pictures; gas stove; freezer; refrigerator; antique hanging cupboard; steel bed w/brass caps; additional misc. lots.

Terms: CASH or Approved check
Inspection Day Of Sale

Auction by order of:
DALE H. TETER
215-696-0167

WHITFORD SALES COMPANY

L ROBERT FRAME, SR & SONS, AUCTIONEERS
AU-000292-L
Eastern Pennsylvania s FOREMOST Auction Company

Box 100
Uwchland, PA 19480
215-458-5060

PUBLIC SALE

OF VALUABLE 67 ACRE FARM
FARM EQUIPMENT- ANTIQUE AUTOMOBILES

SATURDAY, DEC. 13, 1986

at 9:30 A.M.

Located 396 Trail Rd., Elizabethtown, Pa., Mt. Joy Twp. Lanc. Co., at Elizabethtown Square take E. High St. (Elizabethtown/Manheim Rd.) approx. 4 mile to Trail Rd. (Drumhellers Garage) go north to sale.

Farm consists of 50 tillable acres, balance in pasture with spring fed stream & woodland. Thereon erected a 2½ story sandstone house built in 1802. House consists of large remodeled kitchen, dining room with working fireplace, 2 large living rooms and a powder room on first floor. Second floor has 4 bedrooms, 2 full baths and laundry room. Also attached is a heated 14'x30' greenhouse. House has 2 heating systems. Oil hot water and wood fired. Also daylight walkout basement.

Large stone bank barn. Large tobacco shed/corn barn. 3 car garage.

Persons wishing to inspect property may do so by calling 367-1907 for an appointment. Terms: 10% down balance on or before March 1, 1987. Real Estate will be offered at 10 o'clock. Real Estate will be offered several ways. Entire farm or 7 acres & all the buildings or 60 acres ground.

Antique Automobile: 1929 Model A Ford
1937 La-Salle Duo Side Mounts.

Farm Equipment: Tractors- J.D. 70 diesel, J.D. 60- 3 pt., Case VAC, J.D. 3 bot. plow, J.D. 13 disc van brunt drill, IH 550 spreader, 3 pt. post hole digger, 3 pt. Case mower, 2 tractor mount sawbucks, disc, 24' hay elevator, David Bradley spreader, 2 way horse plow, sub tiller, platform scales, 40' alum. ext. ladder air compressor, wagon wheels, iron troughs, calf hutches, Springfield 30-06 rifle (w) scope, misc. tools, other articles.

One Horse Market Wagon- Excellent Condition
Not Responsible For Accidents

Sale by
AUFTEN SEWARD
367-1907

Aucts. Raymond Miller- 653-8762
AU 617L
Rufus Geib
Jim Hershey
Atty. Hohendale

CONSIGNMENT AUCTION

Farm Eq. and Related Items

MONDAY, DECEMBER 15, 1986

10 A.M.

Located at the Auction Barn in American Corner, Maryland, on Hwy. 621 between Federalsburg, MD, and Denton, MD.

Tractors, Combines, Trucks, Tillage Eq., Lumber, Tools and Other Farm Related Items

EARLY LISTINGS: AC WD; JD 2510 gas w/WF; IH 416 plow; JD 414 plow; JD 216 plow; JD 4R cultivator; Super M Farmall; NI #12A spreader; wagon; hydraulic road scraper; 3PTH disk; loader for H or M; D2 Cat dozer.

Call today to list your equipment for advertising.
Forklift and loading ramp available.
Receiving equipment on Friday, December 12, Saturday, December 13 and up until sale time Monday.

TERMS: Cash or approved check with letter from bank guaranteeing funds.

A. Curtis Andrew Auction, Inc.
301-479-0756 or
754-8826

VALUABLE REAL ESTATE

PUBLIC AUCTION

2 FARMS- LOG HOUSE- PRIME LAND- POULTRY HOUSE COMPLEX

SATURDAY, DEC. 13, 1986

1:00 P.M.

184 ACRES - CONOY TWP., LANC. CO.
(To Be Sold in 6 Separate Tracts)

DIRECTIONS: Take Rt. 30 West of Lancaster to Rt. 441 (before river) turn Right on 441 North approx. 10 miles to Keener Rd. turn Right approx. 1 mile to property.

***11.8 Acre Farm** Zoned agric. w/renovated 2½ sty log and plank house 3 bdrms., 2 baths, Krown Kitchen, smoke and spring house, 3 car garage, bank barn w/covered feed lot, Harvestor silo, 695' frontage. Lovely Gentleman Farm w/beautiful setting.

***14.1 Acre Farm** Zoned agric. w/2½ sty. double farm house w/3 bedrms. on each side, oil heat, frame and block barn, 40'x60' 3 bay garage and storage bldg., 2 large lots - 1.4 and 2.6 Acres included in farm.

***94.8 Acres** of land approx. 40% of which is woodland. Tremendous potential w/this tract of land as investment of future sub-division 1480' road frontage, 1 acre pond included.

***4 yr. old log house** w/3 bdrms., full bath, eat-in kitchen, living rm., basement, 1 car garage all on large country lot 1.1 Acres.

***41.5 Acres** of land w/some woodland ideally situated w/approx. 1730' road frontage along Bair Road; included in this tract are 9 approved individual lots pending sewer module approval.

***20.8 Acres** Zoned Agric. with 3 large poultry houses erected thereon along Keener Road. House #1 is 50'x534' built '79, House #2 is 46'x424' built '77, House #3 is 45'x324' built '77. Capacity of all houses approx. 108,000. Auto feeders and waterers and large feed bins included. All bldgs. in very good condition and ready to go.

NOTE: All tracts have recent survey by Gohn & Associates of Mt. Joy. Ideal opportunity to purchase prime parcels of Real Estate at Auction. Some tracts include approved lots subject to sewer module approval, which makes this a tremendous opportunity for the purchaser. Call Auctioneers for complete illustrated pictured brochure and plot plan:
717-733-1006 or 717-786-3394

INSPECTION: Open House - Sat., November 29 and December 6, between 2-5 P.M. or by appointment any time.

TERMS: 10% down day of sale, balance day of settlement.

Terms By:
CHARLES W. & JOANNE M. BROOKS
717-367-1861

Auction Conducted By:
Lloyd Kreider, Randal Kline
Roy Good, Jr., Auctioneers
Lic. AU-000499-L

KLINE & KREIDER AUCTIONEERS
345 W. Mt. Airy Rd., Stevens, Pa.

Dairy and Livestock Sales

LONE SYCAMORE

COMPLETE DISPERSAL

THURSDAY, DEC. 18th, 1986

11:00 A.M. Oxford, Pa.

-87 HEAD SELLING-

Registered Holsteins
40 Cows, 47 Heifers and Calves
5 Head Are Red & White
1986 RHA 35 Hd.
19,881 Milk 659 Fat.

The sale will feature 10 dtr's and 16 Gr. Dtr's of the famous Ideal Home Elevation Jolly 2E- 93 GMD with two records over 1100 lbs. fat.

Call or Write for a Catalog Today

BACKUS ASSOCIATES, INC.
Sale Managers & Auctioneers
AU-000034-L
Mexico NY 315-963 7231
P O Box 424 Elizabethtown PA 17022 717 367 9236

PUBLIC SALE

96 ACRE LEBANON COUNTY FARM REAL ESTATE

THURSDAY, DECEMBER 11, 1986

2:00 P.M.

Situated in South Annville Twp. Lebanon Co., Pa. Along Route 322. ¼ mile East of Route 934. Turn North into farm lane.

FARM REAL ESTATE

Consists of 96 acres 7 perch. Being of limestone soil. Approx. 84 acres cropland in high state of cultivation. Balance pasture.

Improvements thereon. 2½ story 12 room stone and frame dwelling. 1st floor 6 rooms, 2 baths, 2 kitchens. 2nd floor 6 rooms and bath. Attic. 2 cellars. 2 oil fired hot water heating systems. Baseboard heat. Full length enclosed rear porch. Full length front porch.

Outbuildings consist of 1½ story stone summer house. Stone smokehouse. 90 ft. x 45 ft. bank barn with pen stables. 18 ft. x14 ft. masonry milk room attached. 40 ft. x 50 ft. frame corn and equipment storage shed. 5 bay frame garage and poultry house. Drilled well with pressure water system. Water piped to necessary buildings.

Sale to commence at 2:00 P.M.
Inspection by appointment call 717-867-2265.

ISAAC L. LENTZ
Owner

Auct. Earl S. Buffenmyer
AU 112L
Attorney L.H. Meyer

PUBLIC SALE

FRIDAY, DECEMBER 19, 1986

10:00 A.M.

VALUABLE REAL ESTATE

Located one mile east of Bartville, one mile south of Nine Points, first farm east of Route 896 along Bartville Road, Bart Twp., Lanc. Co., Pa.

80 ACRE FARM MORE OR LESS

Approximately 62½ acres tillable, balance permanent pasture and woodland.

Bank barn with 32 stanchions, box stalls, horse stable.

13'x60' concrete stave silo, milk house with 600 gallon bulk tank.

32'x75' tobacco shed, corn barn, carriage shed. Room to hang several acres of tobacco.

Double stone and frame house with thirteen rooms, enclosed porches.

Inspection any day except Sunday.
10% Down balance and possession on or before Feb. 14th, 1987

AARON K. AND LIZZIE LAPP, Owners

Wenger, Byler, Thomas Atty.
Sale At 10:00 A.M.
Diffenbach's Auct. 225L

Public Auction Register

SAT. DEC. 13 - 10AM Agricultural & Masonry Eq. & Supplies, Classroom Furnishings, 1972 BMW, 32' Trailer, Livestock & Chicken Outbuildings. Western Montgomery Vo-Tech School, 77 Graterford Road, Limerick, PA. Approx. ¾ mi. off Rt. 422. Ken Reed, Auct.

SAT. DEC. 13 - 10:30AM 76 Herefords--31 Registered. Located Dr. Sanford's farm at Stormville, NY. From the N. take Rt. 55 out of Poughkeepsie to Poughquag then W. on Rt. 216 to the auction. From the W. take Rt. 84 to Exit 12 (Rt. 52) E. to Rt. 216. Ordered by: Farm Credit Services of Central NY. Garrison Auct. & Realty Assoc.

SAT. DEC. 13 - 11AM Farm Eq Between Fleetwood & Lyond, Berks Co., PA From Rt 662 in Fleetwood take the Fleetwood Lyons Rd., E. approx. 2½ mis Terms by: Joe & Joanne Ruth. Horning Farm Agency, Inc., Aucts.

SAT. DEC. 13 - 11:30AM Antiques & HH Goods. 3 mis NW of Oxford, PA, on Park Rd from Rt. 272 to W. on Lees Bridge Rd. to Park Rd. left Elba H. Smyth, Owner. Steve Petersheim and Steve Jr., Aucts.

SAT DEC. 13 - 12 Noon Farm Machinery and Harvestore Silos. Take Rt. 307 W. from Clarks Summit, approx. 2 mis turn left to Newton Ransom and turn left just past Newton Ransom Fire Hall Charles & Diane Miller, Owners. Bill Mead, Auct

SAT DEC 13 - 1PM 2 Farms-Log House-Prime Land-Poultry House Complex. Take Rt 30 W of Lancaster to Rt. 441 (before river) turn right on 441 N approx. 10 mis to Keener Rd. turn right approx 1 mi to property. Conoy Twp., Lanc. Co. Terms by. Charles W & Joanne M. Brooks. Kreider, Kline & Good, Jr., Aucts

WED. DEC. 17 - 9AM Holstein Herd, Farm & Milk Eq. Lanc. Co., 9 mis, E. of Lancaster City, 2 mis S of Rt. 23 along Rt 772, Newport Rd Owner, John K. Stoltzfus Steve Petersheim & Steve Jr., Aucts

THURS DEC. 18 - 11AM Lone Sycamore Dispersal of 87 Head Registered Holsteins Oxford, PA Backus Associates, Inc., Aucts.

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI. DEC. 19 - 10AM Real Estate–80 Acre Farm. 1 mi. E. of Bartville, 1 mi. S. of Nine Points, first farm E. of Rt. 896 along Bartville Rd., Bart Twp., Lanc. Co., PA. Aaron K. & Lizzie Lapp, Owners. Diffenbach's Auct.

SAT. DEC. 20 - 9:30AM Farm Eq. for Richard O. Binkley. Located along Rt. 441 N. of Columbia, PA. Top of Chickies Hill. Wolgemuth Auct. Serv.

SAT. DEC. 20 - 10AM 28 M/L Acre Farm, Farm Mach., HH. Take Rt. 272 S. of Lancaster, PA, approx. 11 mis., turn E. on Schoolhouse Rd., to Cinder Rd., turn left continuing back on Schoolhouse Rd. Terms by: Elwood & Bertha E. Evans. Kreider, Kline & Good, Aucts.

SAT. DEC. 20 - 10AM Big Valley Farm, Mifflin Co., ½ mi. SE of Belleville, PA, on S. Kish. Street, At Coldwater. Stephen W. & Bertha Zook. Mark Glick, Auct.

SAT. DEC. 20 - 10AM Combines, Tractors, Trucks, Implements. I.R. Swann & Sons, Inc. on Preston-Easton Rd., Rt. 331, Easton, MD. Lloyd O. Whitehead, Trustee. Pete Richardson Auct. Sales.

SAT. DEC. 20 - 6:30PM "Purebred Pride" Holiday Sale, 100 head tested breeding stock. Heated Coliseum, Wayne Co. Fairgrounds, Wooster, Ohio.

SAT. DEC. 27 - 9:30AM Real Estate, HH, Tools, Farm Eq., Trucks. York Co., PA. Turn S. off Rt. 30 at Wrightsville Exit, follow Cool Creek Rd. T775 to East Prospect, continue straight on to Rt. 124 into Craley, turn right on Rt. 624 go approx. 1 mi. to edge of Martinsville, turn left onto Hakehollow Rd. Follow to sale. For: Clair & Nancy L. Rexroth. Blaine N. Rentzel, Auct.

WED. DEC. 31 - 10AM Tractors, Farm Eq., Tools, Straw. York Co., PA. Rt. 30 to Hellam Exit, S. across Rt. 462 (E. Market St.) onto Freysville Rd., 2 mis. to Fry's Lane on left, 1st farm on right. For: Mr. & Mrs. Richard E. Dietz. Blaine N. Rentzel, Auct.

JANUARY

THURS. JAN. 1 - 10AM Public Auction of Modern Farm Equipment. Located 4 mis. W. of Spring Grove, PA. York Co. off Rt. 116 at Porter's Hill Rd., turn S. 1 mi. to 1st cross road, turn W. ½ mi. to sale. Or 6 mis. East of Hanover, PA off Rt. 116. Sale conducted for Bernard & Rebecca Gardner. Auctioneer, Blaine N. Rentzel.

THURS. JAN. 1 - 11AM Consignment Auction of Older Farm Toys at New Holland, PA, Fire Hall. Dale Stoltzfus, Auct. 717-768-3554.

FRI. JAN. 2 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

SAT. JAN. 3 - 10AM Farm Eq., Trucks, Grain Dryer. Located 8 mis. W. of York, PA, along Rt. 30 W. of Thomasville, PA. Larue and Ruby Shellenberger, Owner. Blaine N. Rentzel, Auct. 717-764-6412.

GOOD'S AUCTION

111 North Maple Ave.
Leola, PA. 17540
Hay, Straw & Grain Sales
Every Wed. At 12 o'clock noon
Auction House
#000014-L

PUBLIC AUCTION

Rescheduled

Farm Equipment, Trucks, Bldgs., Hay, Household Goods & Antiques

TUESDAY, DECEMBER 9, 1986 at 10 A.M.

Between Doylestown & New Hope, two miles S. of Buckingham, along Rt. 413 toward Newton, Bucks Co., Pa.

Farmall M tractor; Massey Harris 44 gas tractor; Oliver 77 tractor; Pittsburg 3 pt semi mtd 5-14" pl; JD 4-14" trailer pl; Int #48-14' dual whl transport disc; JD 10' transport disc; 8' & 10' dbl roll cultipackers; JD 3 pt transplanter; Ontario 15 disc grain drill; Hesston PT-10 mower conditioner; (2) NI 4 bar rakes; Int #37 baler w/thrower; 2 Gehl BU 810-3 beater forage wagons w/roofs; Gehl 6' flail chopper; NH #8 three beater forage wagon; Farmhand auto unload wagon; 3 pt Liliston 7' rotary cutter; NH mod 800 forage harvester w/pickup & 2 r w c heads; Gehl PTO table type forage blower & 40"-9" pipe; McComb PTO feed grinder & mixer wagon; Int PTO 3 beater manure spreader; Int (small) tractor manure spreader; Case 28' c & bale elev; 6' rotary cutter; **COMBINES:** Int #503 w/13' grain head & hume reel; Int 101 w/10' grain head (needs clutch plate); JD 10' fert spreader; 3 pt weeder; three barrel weed sprayer; four wheel trailers; M Farmall 4 r culti; frt end loader for H or M; 3-100 gal. truck fuel saddle tank; ½ hp air comp; 1, 1½, & 2 hp elec motors; golf club push carts; 1000-8"x16" cinder blocks; 8 to 10 ton ¾" to 3" river pebbles; 1000-6'x8' hotbed panes.

Trucks

1973 Ford F-600 w/stake body, 17,000 GVW; 1948 Ford F-2, ¾ ton chassis; 1973 Ford 6'x8' pickup body; hoist for small truck.

Hay

500 bales 1st cutting mixed hay.

Bldgs.

40'x60' approx. 12' clearance w/galvanized metal; 25'x45' approx. 12' clearance clear span w/12'x45' addition; (15) 28' utility poles.
NOTE: Bldgs. must be removed by Dec. 15, 1986. Seller will dismantle bldgs. for buyer. Loader machine available.

Household - Antiques - Etc.

Pine night stand; pine cabinet; Oak chest of drawers & desk comb; small & lg cherry chests of drawers; wicker loveseat & table; students desk; sm gateleg table; child's rocker; lg fruit wood server; blanket chests; reconditioned trunks; mantel clock; marble lamp & others; 8' long airplane propeller clock w/1919 date; curio shelf; 2 wash stands; chest of drawers w/mirror; hall table w/mirror; tall pantry cabinet; child's h chr & rocker; kerosene & gas lamps; damask table cloths; fringed poster bed twin coverlet; pic frames & prints; 5 Greek mythology prints; comic books; baseball & cowboy cards; doilies, scarfs & bedding; Noritake (Diana) service for 12 dinnerware set; doll dishes & shoes; 14" Steif or Steif type teddy bear & stuffed animals; Dutch boy cotton cloth doll; beam scales; old fireman's hat; grain cradle & old farm related tools; fish aquariums & supplies; 3 lg Flexible Flyers; costume jewelry; asstd glassware; classical & pop childrens records; beer memorabilia, some elec; wicker & straw baskets; air conditioners; plus many articles too numerous to mention.

TERMS: Cash or Acceptable Pa. Check
Refreshments Available

Ordered by
FRANK & DOROTHY CLARK

Conducted by
Ralph W. Zettlemoyer Auction Co., Inc.
(215) 395-8084
Pa. License #AU-001809-L

NOTE: This auction is rescheduled from Nov. 29th to Dec. 9th due to rainsoaked fields, making parking impossible.

P O Box 215 • Fogelsville PA 18051 • 215 395 8084 • License #AU001809 L
RALPH W ZETTLEMOYER AUCTION CO INC

PUBLIC AUCTION

65 M/L ACRE FARM

FRIDAY, DEC. 19, 1986

11 A.M.

LOCATED: From Lancaster, Pa. take Rt. 222 South approx. 10½ miles, turn East on White Oak Rd., go 1¼ mile, turn left on Stively Rd. to 2nd lane on left.

Property consists of a 2½ story, 7 room frame house with slate roof and storm windows & doors. 3 Bedrooms & bath on the 2nd floor. Living room, dining room, large kitchen & laundry room on the 1st floor. Attic, full basement, hot water heat.

Main barn has collapsed. Tobacco barn measures 30'X55' of frame structure. Pole barn measures 30'X67' includes a lrg. corn crib.

The Farm contains approx. 65 acres. About 52 acres tillable, 6 acres of meadow, 4 acres of wood land, balance occupied by Bldg's. There's a small spring fed stream flowing through the farm. There's approx. 550 ft. of road frontage along Stively Rd. and approx. 1,100 ft. along White Oak Rd.

OPEN HOUSE: Nov. 29 & Dec. 6, from 1 to 4 P.M. TERMS: 10% down, balance upon settlement.

AUCTIONEER'S NOTE: The land is of highly productive soil. The location is Strasburg Twp., Lancaster Co. A very quiet setting with a long gravel lane.

TERMS BY
WILLIAM E. CRAMER & BETTY J. CRAMER

Auctioneers Conducting Sale:
Lloyd Kreider, AU000513L,
Randal Kline, Roy Good 717-786-3394
Atty.: Appel, Yost & Sorrentino

KREIDER & KLINE AUCTION SERVICE

DAIRY CATTLE AUCTION

FRIDAY, DEC. 12, 1986

AT 11:00 A.M.

DIRECTIONS: From Frederick take Rt. 26 to Rt. 194 North to Ladiesburg, turn right on Warner Rd., go approx. 4 miles to Renner Rd., turn right on first farm lane on right. From Littlestown, PA take Rt. 194 South approx. 7 miles south of Taneytown to left on Warner Rd., follow sale signs.

51 HEAD OF HOLSTEIN COWS & HEIFERS 51

****

This herd consists of 21 head of mature milk cows & 30 head of open heifers.

COWS

****

8- Fresh cows in last 60 days.

5- Due by sale day

Balance in different stages of lactation.

HEIFERS

****

10- Open heifers large enough to breed

13- Heifers from 6 to 8 months of age

6- 3 to 4 months of age

Also selling (10) 8 week old feeder pigs, some household furniture.

HEALTH: All cattle have been tested for interstate shipment within last 60 days.

MR. JOHN STITELY
11802 Warner Rd.
Keymar, MD 21757

SINCE 1920
Trout Auctioneers, Inc.
15 North Court Street/Frederick, Maryland
301/663 1555
"Experience Doesn't Cost — It Pays"

LUNCH AVAILABLE

PUBLIC AUCTION SALE

SATURDAY, DECEMBER 13, 1986 9 A.M.

DIRECTIONS: From GSP, Exit 137 onto Rte. 28 (Westfield Ave.) turn towards Elizabeth. Turn right on Elmora Ave. at White Castle. Turn at third left (Jersey St.) at THIRD PRESBYTERIAN CHURCH, corner of Jersey St. and Winfield Scott Plaza, next to Elizabeth City Hall.

THE THIRD PRESBYTERIAN CHURCH, E. JERSEY ST.
ELIZABETH, NEW JERSEY

The total contents and removable architectural features will be sold. The church building, about one hundred years old consists of the sanctuary, a large Sunday school building, social room, gymnasium, church offices, choir lofts, kitchen, nursery.

SALE INCLUDES: Church bell; Large, intermediate and smaller stained glass windows, over 100 lots; Excellent deco and traditional lighting fixtures; Oak church pews; Oak and chestnut Victorian railings; Oak furniture; Youth and choir chairs; Oak pulpit; Wheelock player piano; Hardman and McNabe pianos; Hymnals and books; Old toys; Office furniture.

TERMS: Cash, Travelers checks, Business checks with bank letter of credit only. Furniture to be removed day of sale, Two weeks to remove architectural items.

JACK WOOTTON, NJSSA, NAA, Auctioneer
201-334-0001 **201-892-1792**
National Auctioneers Association — New Jersey State Society of Auctioneers
Florida Auctioneers Association

THURS. JAN. 8 - 9AM HH, Antiques, Shop Tools. Lanc. Co., PA, 2½ mis. NE of Intercourse on New Holland Rd. From Rt. 340 go N. 1 mi on New Holland Rd., 2½ mis S. on New Holland. Samuel R. Beiler. Steve Petersheim & Steve Jr., Aucts.

FRI. JAN 9 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

SAT. JAN. 10 - 9AM Full Line of Farm Mach., HH, Antiques Hershey & Magerurite Kurtz. Steve Petersheim & Steve Jr., Aucts

THURS. JAN 15 - Big Potato & Dairy Farm Auction for Chas Flock & Sons, Rt. 34, Colts Neck, NJ Col. Fred R Daniel Aucts, Inc.

THURS. JAN 15 - 9AM 47 Acre Dairy Farm, Hi Grade Holstein Herd, Farm Mach., Milking Eq., Feed Dauphin Co., PA, 8 mis. E of Millersburg, 2 NW of Berrysburg form Rt. 25 go N. on Rt 225 to Shippen Dam Rd left to Miller Rd right. David B & Barbara K. Stoltzfus, Owners Steve Petersheim & Steve Jr , Aucts.

FRI. JAN. 23 - 10AM Horse Sale New Holland Sales Stables, Inc , New Holland, PA Abe Diffenbach, Manager

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

WED. JAN. 28 - 10AM Modern Dairy Eq from double 10, double 6 and single 6 milking parlor All w/Boumatic automotic takeoffs Terms by Ox view Farm, Oxford, PA, Chester Co J Omar Stoltzfus & Leon Kurtz, Auct

THURS. JAN 29 - 9AM Registered Holstein Herd, Farm & Milking Eq Amos S. & Lydia Smoker Steve Petersheim & Steve Jr , Aucts.

CHESTER CO.

HERD DISPERSAL

At Shady Lane Dairy Sales, ¼ mi. W. of Quarryville, PA

DECEMBER 9, 1986

7:30 p.m. Sharp

LEE BROWN HERD

108 HEAD REGISTERED AND ID GRADE HOLSTEINS 108

Breeding holsteins for past 25 years. Presently using Sire Power and Atlantic Breeding. DHIA 15,202 milk 3.5 test 537 fat. A young herd, 25 first calf, 25 second calf, balance mature cows, 100% calfhood vaccinated. Home raised.

Johnnies free herd. Real nice herd. Good place to buy replacements. Certified and accredited past 25 years. 30 TB and blood test. Also 25 fresh cows.

Bull sired by Burket-Falls Solomon-ET (triple plus proven, +.12 butter fat) out of Bell daughter w/record 3 yrs. 365 days 24,023M 4% test 959F; next dam 3 records over 20,000 lb. of milk.

Annual Christmas sale being held on Wednesday night, December 17. An outstanding group of cows.

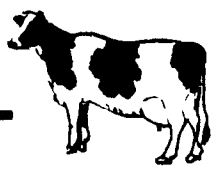
SHADY LANE DAIRY SALES, INC.

RD5, Quarryville, PA

Glenn 717-786-2750 Dave 717-786-1725

HOUSERDALE FARM

COMPLETE MILKING HERD & BRED HEIFER DISPERSAL



FRIDAY, DECEMBER 12, 1986

11:00 A.M.

Located in Centre Co. at Woodward, Pa., off Rt. 45 at the West end of Woodward on Cemetary Road; go the T - make a left - first farm on left.

61 Registered Holsteins 61

Herd consists of 46 Mature Animals, 6 heifers to calve before sale, 9 heifers bred for later.
Certified & Accredited - Majority Calfhood Vaccinated
DHIA Records - Classified
(30 Day Test- Vacc. for Shipping Fever Complex)

Selling 2 EX Animals; 5 V.G. and a Lot of GP 2 & 3 yr. olds; Selling 4 animals with EX-MS and 10 VG-MS.

RHA - 16407m 3.70% 605f - BAA 103.

21 Animals in this Dairy are milking with either their 1st or 2nd calves; 13 Animals recently fresh & 6 heifers to calve before sale day; 8 due for January; 13 due for Feb., March & April.

SPECIAL FEATURES—

An EX-90 pt. Jerry; due in January to Ned Boy-Projected over 20,000 this lactation; Dam is a VG-88 pt. Elevation with over 25,000m. This animal was a contract cow with 3 progency sold into A-I Service.

Also selling is a daughter of the Jerry; due in January and sired by Chairman-Bred to Ned Boy.

AN EX-91,3E Elevation with over 100,000 lbs. of milk.

Also selling is an 88 pt. Jemini Daughter- 4 Yr. record- 22,000m 3.60 800f; Sells fresh with Ned Boy Heifer Calf and a fancy 1st-calf heifer by Spirit (also just fresh).

An 86 pt. 3 yr. old Jet Stream bred to Mandingo-Proj. to 20,000 650f this lactation Dam is 88 pts with a lifetime of 175,000; Mat. Sister to the Jet Stream by Chairman also selling.

Sires Represented Include—

5 Animals by Elevation; 7 by Chairman, 4 by Sunny-Craft Chief Spirit, 4 by Shardale Arlinda Chief Jemini.

Also selling 2 Whittier-Farms Ned Boy Calves.

Service Sires Include— Spirit, Ned Boy, Chairman, Mandingo, Modic Valiant Count & More

This Dairy is just a year away from one of the Best!
1 Cow on the Elite List
17 Animals have dollar values from 88 to 99 dollars.
"There is something in this Dairy that will suit everybody's pocketbook; from the man that needs a Good Fresh Heifer to the Serious Breeder looking for Foundation Stock."

Sale By AUCTION KLING'S SERVICE
Landisburg, Pa. Lic. #500
717 789-3883

Auctioneer: Jim Smith

DAVID & CECELIA HOUSER, Owners
R.D., Box 75, Woodward, Pa.
814 349-8809

AUCTION SALE

Trustee's Sale In Bankruptcy

COMBINES - TRACTORS - TRUCKS - IMPLEMENTS

Under and by virtue of the power vested in the jurisdiction of the United States Bankruptcy Court for the District of Maryland, Case No. 86-5-2156, in Re: I. R. Swann & Sons, Inc., a body corporate of the State of Maryland, and after due notice to creditors and with the consent of secured creditors, the undersigned Trustee will sell at Public Auction, on Preston-Easton Rd., Rt. 331, Easton, Md., free and clear of the interests of creditors, the lien of any creditor to attach to the proceeds of sale, all of the following described personal property, on

SATURDAY, DECEMBER 20, 1986

Beginning at 10:00 A.M.
Preston-Easton Rd., Md. Rt. 331
Easton, Maryland

1981 John Deere 7720 w/Mug hog, 220 flex header, tiger jaws, 2922 hours
MF 760 combine, 2495 hours, Sn 1746-8823
AC-L-2 hydrostatic w/1675 hours, Sn 12227 w/AC-320 - 20' grain table
AC-A-630 - 6 row corn head

Trucks and Trailers

1978 International 2200 truck tractor, 12 speed, twin screw, 350 Cummings, wet line, 399,094 miles.
1978 International 1800, twin screw, 22' Russell body, 43,000 GVW
1979 Fruehauf dump trailer, 30' on 30' frame, wet line
1976 GMC 6000, w/15' Garwood dump, 5x2 trans., 87,000 miles, V-8, slight body damage
1974 GMC 6000, 16' Russell body, 366 engine, 96,000 miles
1974 GMC 6000 w/16' dump body, 5x2 trans.
1969 International w/tag axle, 6 cyl., 5 speed, air, two speed w/19' Russell grain body, 26,000 GVW
1964 International 1700 w/18' Russell body, 345 engine, 5x2 trans., 23,000 GVW
1977 GMC spray truck w/John Blue 1250 gal. stainless steel tank, 50' boom, hydro. adj. and boom.
1978 D&D gooseneck trailer 24'
1965 Chevrolet C-60, 4x2 trans., w/20' Schwartz roll back w/winch
1978 GMC pickup, parts only 4WD
1972 GMC pickup, parts only

Tractors

Case 2870, 4 wheel drive, 20.8 tires, 1779 hours, 3 pt. hitch
AC 7060 cab and air, 20.8 x 38 tires, power shift
AC 200
MF 4840, 4 wheel drive, w/903 Cummings, 1517 hours, power shift
International 966 w/TA, 2339 hours, dual remotes
Case 1370, Agri-King, cab and air, power shift, trans problems
Massey 1155 w/20.6 tires, cab, 4000 hours
Case 1370 w/ROPS cab, 2950 hours, power shift
Case 1370 w/cab, rear problems
International 770 high boy sprayer
Case 450 crawler loader w/4' bucket

Planters

Kinze 11 row no-till planter, liquid Monitor, 3 bu. hopper
White 12 row 30" air no-till coulter, w/liquid pump
White 6 row 5100, 30", air, heavy duty no-till air w/insecticide
John Deere 8300, 21 spout drill, double disc openers

Implements

1985 New Holland 488 haybine, Sn 676686
New Holland 851 round baler, auto wrap
New Holland Mdl 892 - 2 row chopper w/grass head
New Idea chuck wagon on 10 ton chasssis
Agro-Tec 500 gal. saddle tank
Westco 6 row 30" cultivator
Case K23B - 23' hydro fold disc
Brillion 27' packer
100 gal. sprayer for trike
International 2350 loader
Danco PD-2 ditcher
International 720 8x18 high clearance plows
Post hole digger
Gehl forage wagon
510 New Holland manure spreader
516 New Holland manure spreader
215 New Idea manure spreader
2 John Deere RM 4 row cultivators
JD 1450, 5 x 16 plow
JD slide axle trailer
New Idea 279 cut/ditioner
1975 Homemade tandem axle 21' beaver tail
Brillion 21' Pulvimulcher

TERMS: CASH OR GOOD CHECK ON DAY OF SALE.

LLOYD O. WHITEHEAD, Trustee

PETE RICHARDSON AUCTION SALES
P.O. Box 51
Willards, Md. 21874
Phones: (301) 546-2425 Office
(301) 742-6220 Home

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FEBRUARY

FRI. FEB. 6 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

SAT. FEB. 7 - 10AM 7 acre Farmette & Personal Property. Located Salisbury Township, 1½ mile North of White Horse, turn off of Rt. 340 on Cambridge Rd. to the corner of Seldomridge Rd. & Kauffroth Rd., Lanc. Co., Pa. Terms By: Mary A. Miller. Aucts: Robert E. & Jeffrey R. Martin & Frank L. Steller.

FRI. FEB. 13 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

SAT. FEB. 14 - 9AM Horses, Dairy Cattle and Horse Drawn Machinery. Located in Mifflin Co. between Belleville and Milroy, PA, ½ mi. E. of Barrville along Back Mt. Rd. John B. Hostetler, Jr. and Ner Hostetler. Mark Glick, Auct.

WED. FEB. 18 - 9:30AM Farm Mach., Horses, HH. ½ mi. S. Vintage. Jacob S. & Rebecca H. Beiler, Owners. Steve Petersheim and Steve Jr., Aucts.

THURS. FEB. 19 - 9AM Farm Equip. Located between Soudersburg & Paradise at 2969 Lincoln Hwy., Rt. 30, 8 miles East of Lancaster. Terms By: T.J. Wheary & Sons. Aucts: Robert E. & Jeffrey R. Martin & Blaine Rentzel.

THURS. FEB. 19 - Longview Farms (Punk Bros.), Rt. 526, Imlaystown, NJ. Farm Mach., used on 1000 acre potatoe & grain farms. Sale by: Col. Fred R. Daniel Aucts., Inc.

THURS. FEB. 19 - Farm Eq. & Tools. Allen Hoover, along Rt. 82, approx. 5 mis. E. of Honey Brook.

PUBLIC AUCTION

OF TRACTORS, TRAILERS, FARM TRACTORS, COMBINES, VINERS, FARM EQUIPMENT, FORAGE EQUIPMENT, SHOP TOOLS AND EQUIPMENT

WEDNESDAY, DECEMBER 10, 1986

10:00 A.M.

LOCATION: A- Going East on Rt. 9 from Georgetown, De. to Lewes, De. turn left on Rt. 5 at Harbeson, De. go north approx. 1 mile, 1st farm on left. B- Going south from Milton, De. to Harbeson, De. on rt. 5 go approx. 3 miles on right. Signs will be posted!

Case 4690 tractor w/factory duals 20 8-34 1535 hrs , Case 2590 tractor w/dual 20 8-42, fast hitch, weights, 1007 hrs , J D 4450 tractor w/Quik Tach hitch, power shift, 18 4-38 tires, 1262 hrs , 2 sets M & W 18 4-38 tractor duals Quik Tach, J D 4250 tractor w/power shift, 1493 hrs , J D. 4020 tractor (gas), J D 4010 tractor (gas), Ford 4000 tractor (diesel), J D #50 tractor w/bean pullers, Catpillar D-7 dozer w/cable blade, 1982 FMC pod stripper self-propelled viner, 3 FMC pull type viners, 2 Porter-A-Way harvesters, Sperry New Holland Twin Rotor 70 hydrostatic drive, w/16' grain table, 4-36" row corn head, 4-36" row corn head (parts), M F 750 combine w/16' grain table, M F 880 8-16" On land plows, M F 820 21' disc harrow, Brillion 23' crow foot packer, Case 16' disc harrow (heavy duty-no till), M F 520 15' disc harrow, 14' cultimulcher, New Idea 214 manure spreader, Schwartz front-end loader (fits 4010 J D), 3 p h mounted fork lift, John Blue 500 gal alum tank sprayer w/ground driven pump, Ace agitator pump, 1000 gal S S nurse tank w/Flo max pump, 5 hp engine, John Blue knife unit (for liquid fertilizer), Century 6 row weed eliminator, White 343 12 row no-till 3 p h planter, Brillion 12' crow foot packer, M F 22 spout #43 grain drill, Brillion 16' chisel plow 3 p h w/buster bar, I H 8-36" model 800 planter w/dry fert fill and insecticide, 2 Brillion 8 row 8-36" S-Tine cultivators, Brillion 4 row stalk cutter, Baltic 3 p h seeder, N H model 30 Whirl-A-Feed blower, N H 479 hay bine, N H 56 rake, N H 276 baler, N H model 80 3 p h bale fork M & W 1815 3 p h rotary hoe, Wilmar 500 7 ton spreader, I H #51 silage wagon, 9 flat bed wagons, 4 funnel body wagons, 5 ton wood fert box w/Kohler engine, 6 ton wood fert box w/Kohler engine, M F 3 p h rotary mower, snow blade, Rhino 8' blade, 3 p h root rake, I H #2 P R 2 row corn picker, Ford mounted corn picker, front-end tractor blade, 3 Raven 200 gal tanks, 220 gal steel tank w/saddle, 100 gal alum spray tank (3 p h), Chem Farm 200 gal saddle tank, 10' front end blade, post hole digger, M & W Perfect Kern-L PRocess 250 grain dryer, Gilmore Tatge seed cleaner, Snow Co 8" x 50' grain auger Hopper extension, 3 steel feed bins, 2 wire Cob Corn crib, (to be dismanteled), 2 crow foot 5 bottom plow packers, 2 crow foot 2 bottom plow packers, crowfoot 3 bottom plow packer, misc packer wheels, M F Model 88 plow beam, misc scrap iron 50 gal fuel tank w/e/pump (Mico Transfer Pump), 100 gal 2 comp fuel tank & pump, 275 gal oil tank, J D pull type combine, 12 hole hog feeder, 4 hole hog feeder, 16' gate, 2-10' gates hay feeder, Palco Livestock shutt, 2 pcs 20' 12' drainage pipe, Rainbow 550 gal p/m John Deere engine (diesel) w/Marlow pump & Hale e/primer, I H engine w/Marlow pump w/Hale e/primer, 2 Rainbow 660 traveling guns, 2 hose reels, 660 w/4" hose, Rainbow 990 traveling guns, hose reel 990 w/4" hose, volume gun, 30 pcs Wosco 5 ' 40' pipe, 150 pcs Wosco 6" 40' pipe, 35 pcs Wosco 8"- 40' pipe, 6" valves, tees, couplers, ells 90° + 45°, 5"-4" reducers, lot misc damaged 3" 4" 5" 6" (scrap), 2 pipe wagons, pipe trailer, Gullenberg Irrigation hose cart, A C 295 amp welder (3 p h), Air Product portable welder (225 AC 200 DC), Marquatte aceytelene torch outfit, 5 hp grinder, drill press, tire changer, T W S e/hack saw, M F 500 equipment washer, Ewing steam cleaner, engine hoists, hyd jack press, Marquatte 32 150 amp battery charger, spark plug cleaner, Craftsman bench grinder, 1½ ton floor jack air floor jack, air grease gun, grease pump, 3 oil pumps, grease guns, parts washers, chains, 3 p h center link, hitch pins, clevis pipe fittings, bolts lights lot misc shop equipment, 1978 Ford LTD, 1978 Ford pickup F250, 460 engine, auto , 1974 Ford pickup F250, 8 cyl , auto , 1961 Ford pickup F100, 6 cyl , 3 spd , 1967 Chev pickup, 3 spd , 1974 Ford F600 truck w/14' steel dump, 9 00-20 rubber, 4 spd , 2 spd rear, 1969 Ford F700 truck w/16' steel grain body, 9 00-20 rubber, 5 spd trans, 4 spd rear w/3 stage hyd hoist, 1968 I H 2010 truck tractor w/10 00 20 rubber, 5 spd trans , 2 spd rear, 1973 Chev C-65 truck w/16' trail-R Van alum body w/side door, swing rear doors, Morgan hyd lift gate, 8 25 20 rubber, 1971 I H 1600 Loadstar truck w/15' dump body, 4 spd trans , 2 spd rear, 8 25-20 rubber, 1967 GMC truck w/fuel tank body, 5 spd trans , 9 00-20 rubber, 1959 Chev 60 series truck w/16' dump body, 8 20 20 rubber, 4 spd trans , 1974 homemade lowboy 3 axle trailer, 1972 Fruehauf 45' trailer van, 1969 Fruehauf 38' flat trailer, 1955 High 26' trailer, 1976 Trace 38' gooseneck livestock trailer, 2 axle homemade trailer w/electric brakes, 26' flat bed trailer, 32' field office trailer, 1959 Chev 60 w/dump (parts), 1959 Chev 60 w/o body (parts) and many other items too numerous to mention

TERMS: Cash, travelers check or approved check w/current letter of credit from your bank.

PLAN TO COME EARLY AND STAY LATE!

MARTIN FARMS
R.D., Milton, Delaware
Owner

Wilson's Auction Sales, Inc.
Dave Wilson, Auctioneer & Sales Manager
422-3454 or 856-2110

PUBLIC AUCTION

AT RUDNICK'S SALES, ROUTE 213, GALENA, MD.

SATURDAY, DEC. 13, 1986

AT 10:00 A.M.

Local Estates And From The Inn At Mitchell House And Others To Include: 2 China Closets With Glass Doors And Mirrored Backs, Victorian Rocker And Side Chairs, Victorian High Chair With Cane Seat, Victorian High Chair With Arrow Back, Work-Serving Table, Pine Flour Bin 2 Compartments, Marble Top Brass Stand, Eastlake Slant Front Desk With 4 Drawers & Pidgeon Holed, Lincoln Type Rocker, 3 Section Bookcase, Eastlake Rocker, Piano Stool With Glass Ball Feet, Gov. Winthrop Type Slant Desk, Pine Dry Sink, Victorian Plant Stand, Oak Pedistal, Deacon's Bench, Display Rack, Basset Hound Dog Statuary (Life Size), Wood Grape Seeder, Lenox Dishes, German Dinner Plates, Belleek Cups & Saucers, Haviland China, Cut Glass, Royal Bayreuth, Satin Glass, Barber Bottles, Oyster Plates, Fiesta Ware, Cups And Saucers (Rose Medallion), Oil Lamps, Blue Willow, Jade Tree Lamp, Staffordshire, Sterling Candleabra, German Steins, Hummel Angel Candleholders And Figureens, Decantors, Japanese Demitasse Set, Celedon Jardiniere, Pitcher and Bowl Set, Antique Open Salts, Decoys, Patch Quilts, Wrought Iron, Cannon Ball Topped Andirons, Plus A Large Selection Of Oriental Rugs, Jewelry, Silver Service, Etc., Plus Much More.

16 Ft. Run-A-Bout With 65 HP Evinrude Motor And Trailer.

Our Next Sale Will Be Saturday Jan. 10, 1987

HARRY RUDNICK & SONS, INC.
Sales Manager, Auctioneers,
Real Estate Broker
Galena, Md. 21635
Phone: 301-648-5601

PUBLIC SALE

OF BUILDING AND OFFICE AND SEWING EQUIPMENT AND MATERIAL

FORMER
"YORKTOWNE MANUFACTURING"
EPHRATA

MONDAY, DEC. 8, 1986

At 4 P.M.

Located at former Yorktowne Manufacturing building, 77 Park Ave., Ephrata, PA.

BUILDING EQUIP.

13- 30,000 B.T.U. Window Air Conditioners; 6 Steam Heaters; 108 Fluorescent Lights (8' & 4'); 9 Outside Awnings; Radiators; Conduit; Pipe; Pressure Valves; Switch Boxes; Fluorescent Lamps; Windows & Doors.

OFFICE EQUIP.

Wood and Metal Filing Cabinets; Desk; Tables; Chairs; Clothes Trees; Water Fountains; Fans; Time Clocks.

SEWING EQUIPMENT & MATERIAL

Rolls of Fabric and Material; Paper Rolls; Boxes of Hangers; Thread; Zippers; Storage Bins; Large Plastic Containers; Cutting Tables; Sewing Machine Tables; Electric Motors; Measuring Table Tops; Presses; Spool Spindles.

YORKTOWN FACTORY MEMORABILIA

Employee Plaques and Pictures; Old Books; Wood Boxes; Old Papers; Nail Pullers; Cloisterette Yearbook and many other items to be sold.

Terms By
EPHRATA PARK PLACE ASSOCIATES LTD.
T. Glenn Horst, Auct.
859-1331—AU000438L
Timothy G. Horst, Auct.
738-1245—AU001767L

THURS. DEC. 11TH 11:00 A.M. Lebanon, Pa.

The 24th Golden Harvest Sale And The 335th Garden Spot Sale

THURS. DEC. 11TH 11:00 A.M. Lebanon, Pa.

170 Head Selling

95 Cows, 45 Bred Heifers, 27 Open Heifers, Calves, 3 Bulls
A Great Place To Buy Winter Milk From Top Reg. Holsteins

Freshening Summary
16 Fresh Sept., 16 Fresh Oct., 26 Fresh Nov.
27 Due Dec., 34 Due Jan.-Feb., 16 Due March-April

A Sale Feature- VG 87 3 Yr. Bull- That Is A Potential 6th Gen Ex In Direct Maternal Line To The Famous Rose Milly Pictured Below

HARBORCREST ROSE MILLY (3E-97-GMD)
8-0 365 24,941 5.0% 1242

Sires Represented:
11 Valiants, 10 Ned Boy, 10 Chairman, 9 Bell, 9 Tony, 8 Triple Threats, 8 Jewelmaker, 7 Elevation, 6 Pete, 5 Jetstream, 4 Tradition, 3 Sexation, 3 W-W Mark, 3 Milestone etc

Write or Call For Catalog Today

BACKUS ASSOCIATES, INC.
Sale Managers & Auctioneers
AU-000034-L
Mexico NY 315-963 7231
P O Box 424 Elizabethtown PA 17022 717 367 9236

Write or Call For Catalog Today

Dairy and Livestock Sales

PUBLIC AUCTION

COINS

563 Lots, graded and cataloged, on

Wed., Dec. 10 at 6:45 P.M.

Open for inspection at 4:30 p.m. at Bell Air Auction Galleries, 13 Ellendale St., Harford Co., Bell Air, MD 21014. (1 block from corner of Business US Rt. 1 & Rt. 24.)

Call William Amoss, Auctioneer, For Catalog- 301-879-7272

GROCERY SALE

WEDNESDAY, DEC. 10, 1986

5:30 p.m.

Located Bareville Fire Co., 211 E. Main St., Leola, PA.

All kinds of groceries, paper towels, paper cups, cat food, and dog food.

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

Nevin Martin & Lewis Groff, Aucts.

THURS. FEB. 19 - 9AM PA Draft Horse & Mule Association Sale. Pennsylvania State Farm Show Building, Corner of Cameron & McClay Sts., Harrisburg, PA.

FRI. FEB. 20 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

SAT. FEB. 21 - Tack 9:30AM and Horses 11AM at the Belleville Livestock Mkt., Belleville, PA. Draft Horses, Mules and Driving Horses. Mark Glick, Auct.

TUES. FEB. 24 - 9:30AM Farm Machinery and Tractors. Located along Meadow Valley Rd., Ephrata, PA Edwin Horning and Sons, Owners.

TUES. FEB. 24 - 9:30AM Farm Mach , Mules, HH. 1 mi. E. of Intercourse, PA Samuel L. & Rebecca Esh, Owners. Steve Petersheim & Steve Jr , Aucts.

WED. FEB. 25 - 9AM Holstein Herd, Milking Eq., Farm Mach. Aquilla & Anna Mary Stoltzfus Steve Petersheim & Steve Jr., Aucts.

THURS. FEB. 26 - Farm Eq. Located Cumberland Co., 132 Park Drive, Boiling Springs, PA. Ferman Landis, Owner. Foreman's Auctioneering

THURS. FEB. 26 - Robert England, Gordon Rd., Robbinsville, NJ. Big Grain Farm Mach. Sale by: Col. Fred R. Daniel Aucts., Inc.

THURS. & FRI. FEB. 26 & 27 - 9AM Ea. Day. Antique Tractors & Engines, Parts, New, Used & Abused Farm Eq. 10 mis. E. of Lanc., 2½ mis. W. of New Holland, turn off Rt. 23 on S. Groffdale Rd., turn left on Musser School Rd. Lanc. Co., PA. Terms: Elias S. Beiler. Aucts.: Robert E. Martin & Son, Blaine Rentzel & Ed Goodrich, Jr.

SAT. FEB. 28 - Farm Eq. & HH. Aaron Ebersol, along Churchtown Rd., ½ mi. S. of Cambridge. Nevin Martin & Lewis Groff, Aucts.

SAT. FEB 28 - Fifth Annual Lancaster Farm Toy Auction, Show and Sale at Lancaster Treadway Inn, Route 30 and Oregon Pike (Rt. 272), Lancaster, PA. Show and Sale 9AM to 3PM. Auction starts at 5PM. Auctioneer- Wally Hooker.

SAT. FEB. 28 - Farm Eq. Located 3 mis. N. of Manville, PA. H. John and Mary S. Martin, Owners. Paul Martin & John D. Stauffer, Aucts

MARCH

FRI. MAR 6 - 9AM Machinery At the Belleville Livestock Mkt , Belleville, PA.

FRI. MAR. 6 - 10AM Horse Sale at New Holland Sales Stables, New Holland, PA Abe Diffenbach, Manager.

SAT. MAR. 7 - Farm Eq. & Tools. David H. Martin, along New Holland Road, 1 mi. S. of New Holland. Nevin Martin & Lewis Groff, Aucts.

SAT. MAR. 7 - Bart Twp. Fire Co. All Day Sale of Horses & Mules, Farm Eq., Hay & Straw, Building Materials, HH. Located Village of Georgetown on Rt. 896. Lanc. Co.

SAT. MAR. 7 - Farm Eq. Located between Lincoln and Brunnerville, PA Allen W. and Bertha W. Weaver, Owners. Paul Martin & John D Stauffer, Aucts.

MON. MAR 9 - Consignment Sale Farm Machinery & Related Items. Lebanon Fair Grounds. Held by Lebanon Valley Auction Co. For information: 717-866-2135 or 717-272-4641

Christmas Holiday Sale

Friday, December 19, 1986 at 12:30 P.M.

HILLSIDE FARM HERD DISPERSAL

Wm. Dennis — Wayne Co.

To be held at Smoketown Quality Dairy Sales- Smoketown, Pa. Rte. 340

Complete Hi Grade Milking Herd Dispersal

15 Short Bred & Open Heifers To Calves.
D.H.I.A. 15,761m. 3.7% 549F. Over 50 Lb. Avg.

All home raised- some calfhood VACC. Avg. age 46 mo. Innoculated with Bar 4 Somnus- Nazelgin T.B. & Bld.- 30 days. Sired & Bred by Sire Power & Select Sire. Cow families Dams & Dtrs.

Dam- Lulu- Sire Jet Stream Fr. 8-30 80 lbs. m. 4-9 17,537m. 630F.- Proj. This Lact. 19,000m. 630F.
Dtr. Lola- Sire Wiseman Born 7-14-84.
Dam- Pia- Sire Creek- Fresh 10-21 82 lbs.
Dtr.- Spirit- 1st Calf Just Fresh 50 lbs.
Dam- Maude- Sire New Hope- Due 12-29. 20,118-3.6-729F.
Dtr.- Rhoda E 28- Sire Pac-Man Fr. 8-3 56 lbs. 1 yr. 11m. Proj. 16,000-581- Due July.
Dam #1616- Sire Jet Stream- Fr. 8-5 67 lbs. Proj. 16,463- 599.
Dtr.- Kelly- Creek- Fr. 9-17 78.5 lbs. 4.1%- 17,562 m. 661F. Due 8-17.
Grd. Dtr.- Y 1-129- Due Feb. To A.I.
Grd. Dtr.- Nina Sire- Patriot- 3 Yr. 65-70 lbs. Fr. 11-26-86.
Dam- Buster- 5 yr. Fresh 85 lbs. 3 yr. 14,889m. 596F.
Dtr.- Sire Wiseman- Fr. 9-13 53 lbs. Due 7-18- Proj. 14,090- 530F.
Dam- Peanut- Jemini Fr. 8-9 78 lbs. Due 7-26- Proj. 17,567- 584F.

Dtr.- Ranger- Sire Lone Ranger Due 1-13- 14,363m. 3.8%.
Dam- Bambi- Jet Stream- Fr. 10-16- 93 lbs. 3-8 17,004 652.
Dtr.- Fawn- Deacon E.T.- Due 3-14 to Mandingo. 1 yr. 11m. Proj. 12,239m. 420.
Dam- Snowbird- Just Fresh- 70 lbs.- 4-11 15,378 561.
Dtr.- Nannete- Sire Trump- 48 lbs. Proj. 12,935.
Dam- Martha- Proj. 23,739m. 752F.
Dtr. #46- Chairman- Born 4-19-86.
Dtr. #35- Chairman- Born 5-21-85.
Grade Ned Boy Calf- Grade Archie E.T. Calf.
Jackie- Fr. Nov. Winston Executive- 4 yr. old- 65 lbs. 4.4%.
Pebbles- Nowerland Elevation Rocky- Fr. 10-6- 67 lbs.
Jose- Jemini- Fr. 10-26 66 lbs.
Dam- Gretel- Jet Stream- Fr. 2-20- Due 7-4. Proj. 20,124m. 643.
Dtr. #43- Chairman Dtr.- born 2-20-86.

This Dairyman Bred For Fall & Winter Milk- Sharp Cattle. This Is A Good Uddered Herd Of Cows. Milking Good. Never Pushed For High Production. No Help Reason For Selling.

3 Big Strong Reg. Holstein Bulls- Ready For Service

#142- Sire- Carlin- M Ivanhoe Bell.
DAM- 5-4 305d. 18,817m. 4.4% 820F.
7-6 347d. 19,793m. 4.0% 802F.
8-7 359d. 22,433m. 3.9% 893F.
Lifetime 150,000m. 6,100F.

#143- Sire- Marshfield Elevation Tony.
DAM- Arlinda Cinnamon.
3-0 324d. 21,136m. 3.9% 830F.
Gr. Dam- Harrisburg Gay Ideal.
3-1 305d. 19,070m. 3.9% 737F.
4-4 305d. 22,480m. 4.0% 893F.
5-11 305d. 21,230m. 3.6% 773F.

#145- Sire- Cal-Clark Board Chairman.
DAM- 5-3 305d. 21,248m. 3.5% 740F.
6-7 358d. 20,261m. 3.9% 798F.
Lifetime over 100,000m.

Catalogs Day Of Sale

Sale Managed By:
SMOKETOWN QUALITY DAIRY SALES
Gordon & Helen Fritz
717-393-0930

"Gaylan Angus Farm"

PUBLIC AUCTION

Farm Machinery • Cattle

SAT., DECEMBER 13, 1986

10:30 A.M.

(Inspection: Day of Sale)

LOCATION: Exit at Pa. Turnpike Exit 23 (Downingtown). Follow Rt. 100 South 2 miles to Rt. 113. Left on Rt. 113 then 5.5 miles to Western Road (5 miles South of Phoenixville) on right. Follow Western Road 8/10 miles to farm on Left. East Pikeland Twp., Chester County, Pa.

30 head of Angus cows - calves and bred Heifers club calves; Int. Model 686 dsl. tractor; Int. Model 574 gas tractor w/front end loader and round bale attachment; Bolens Model 850 riding tractor w/roter mower, snow blower, cart and tiller; Int. Model 64-13 disc grain drill; Int. Model 311 trailer type roter mower; Int. forage wagon; Int. Hopper blower pto; Int. 10 ft. transport disc; Int. Model 435 baler pto w/thrower Brillion transport 12 ft. cultimulcher; grimm hay tedder; N.H. flail chopper; N.H. 35 ft. hay elevator; Oliver/row corn picker; 2-16 ft. bale wagons; 2 grain wagons; Oliver hay rake; J.D. pto harvester w/pickup att., model 35; Danuser post hole digger w/6" & 12" augers; J.D. 2 row corn planter; J.D. 10 ft. haybine; single cultipacker (10 ft.); grain elevator 20 ft., Gibson leaf mill; Dodge 4 wheel drive power wagon 150 w/5th wheel and tool box; goose neck 8x16 ft. cattle trailer; Sunline camper over cab pickup truck camper; utility trailer; Century 300 gal. sprayer; Concrete stove 65x12 ft. silo; 12 ft. auto silo unloader w/5 hp. motor; 150 tons of haylage (150 bu. ear corn); 60 ft. Auger feeder; extension 22 feeder; cement troughs; 1200 bus round corn crib; 10 ft. silo matic silo unloader; 60 ft. taper board feeder w/motor; J.D. 300 cc snow mobile; J.D. snow mobile shed; Yamaha 3 wheeler model 200; Yamaha 60 3 wheeler; Lawn Boy 21" lawn mower; Husky 3 H.P. lawn mower; Sears 3 H.P. air compressor; 3 gal. paint sprayer; sand blaster; cement mixer (electronic motor); 2 wheel barrels; cyclone chain hoist; roll snow fence; cattle head gate; 2 fuel tanks w/pump, (250 gal); weed burning tank; 2 hand tank sprayers; set of folding garage doors; 2-16" bikes 1-20" bike, 2-24" bikes; stainless steel double sink; electric water pump; shelf metal racks; electric fence post; assorted antique bridals; chicken crate; 4 electric fences; Big Dutchman 36000 btu heater; 3 chicken feeders; 2 pig feeders; 6 bale of twine; large grain box; selection of hand tools; many other misc. items too numerous to mention.

* LUNCH *

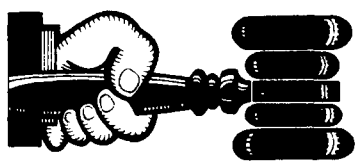
TERMS: C•A•S•H, Certified Check, Check Approved Prior to Auction Date.

Auction By Order Of:
DR. HUGO RODRIGUEZ
(215) 935-2605

WHITFORD SALES COMPANY

L ROBERT FRAME, SR & SONS, AUCTIONEERS
113 W Chestnut St West Chester Pennsylvania 19380
(215) 458-5060 • AU-000292 L
Eastern Pennsylvania s FOREMOST Auction Company

Dairy and Livestock Sales



AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M Tuesday of each week's publication.

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37 Years Of Complete And Experienced Auction Service We Will Buy Your Farm Machinery And Cattle OR Sell Them For You At Public Auction For Their Highest Market Value!

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Licensed and Bonded
"Eastern Pennsylvania's Foremost Auction Company."

TUES. MAR. 10 - Farm Eq. & HH. Martin W. Zeiset, along Churchtown Rd., 1½ mi. S. of Churchtown. Nevin Martin & Lewis Groff, Aucts.

FRI. MAR. 13 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

SAT. MAR. 14 - 22 Acre Farmette and Farm Eq. Located between Denver and Reinholds, PA. Wm. D and Sandra I Coldren, Jr., Owners. Paul Martin & John D. Stauffer, Aucts

FRI. MAR. 20 - 7PM Horse Sale at New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager

SAT. MAR 21 - 9AM Kempton Community Center, Northern Berks Co. 24th Annual Spring Sale. 14 Aucts. 215-756-6973, 756-6532.

SAT. MAR 28 - Farm Mach., Lawn & Garden Consignment Auction. At Rheemstown/Denver light, take Church St. through Rheemstown to Red Run Rd., turn left on Red Run Rd., go 1/10 mi. turn left on Steffy Rd., approx ½ mi. on left Terms by: Arthur Nolt and Allen Martin. Roy Good, Jr., Randal V. Kline and Lloyd Kreider, Aucts

APRIL

FRI. APR. 3 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI. APR. 10 - 7PM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager

TUES. APR. 21 - 7PM Feeder Pig Show & Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI. APR. 24 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI. APR. 24 - 6PM Reg. and Grade Heifers, all ages. At the Belleville Livestock Mkt., Belleville, PA.

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH 717-786-3016

AUCTIONS

DECEMBER 13TH - COMPLETE DAIRY DISPERSAL, Cecil Mason, Ferrum, VA (near Rocky Mount) Cattle Sell First! 85 Holsteins- 14 Registered, Rolling DHI Average 18,800m 3.5% 666f, Average Age 43 Months, 19 First Calf Heifers Projected ME 20,486m 711f, 100% Select Sires Breeding, 40 Heifers (13 Bred), 100% Sire Identified and Vaccinated. VA MILK BASE 55,264 LBS., Dairy Equipment Including Pipeline and 1000 Gal. Milk Tank, Farm Equipment Including 3 JD Tractors, Grinder-Mixer, Baler w/Thrower, No-Til Corn Planter, Mower-Conditioner, Offset Disc, Roller Harrow, Manure Spreader, Chisel Plow, Hay Rake, Subsoiler, Silo Unloader, feed bins, augers, wagons, elevators and more items of equipment.

OWNBY AUCTION & REALTY CO. INC.
1417 BROOK ROAD RICHMOND
804-644-LAND VIRGINIA 23220

2 SPECIAL CONSIGNMENTS AT

BELLEVILLE LIVESTOCK MARKET

WEDNESDAY, DEC. 10, 1986
at 1:00 P.M.
26 HEAD HOLSTEINS- MAJORITY REGISTERED

Including:
6 cows- 4 Chairmans- 1 Type Blazer- 1 Creek. One should be fresh by sale time. The rest due next couple of months.
5 Bred Hfrs.- Couple Due Soon
7 Open Hfrs.
8 Calves- Under 6 Months
Hfr. sires include Chairman, Stewart, Trump, Jet Stream, Jemini, Ned Boy, and Wiseman.
Vaccinated & Health Charts

Consigned By
TIMOTHY BLISS

COMPLETE DISPERSAL
OF 48 HEAD DAIRY HFRS. & BEEF CATTLE

Including:
18 Grade Holstein Hfrs.
5 Short Bred
4 Breeding Age
9 Under 1 Year Old
All Have Health Charts
30 Head Beef Cattle- Mostly Charolais
1 Reg. Bull
12 Cows- Couple Registered- 5 With Calves On Some Due Early Spring
3 Bred Hfrs.
2 Yearling Hfrs.- Held For Breeding Stock
7 Feb. & March Calves- 4 Strs. & 3 Hfrs.
Weaned and On Full Feed

Consigned by
MRS. FRED HARTZLER

Belleville Livestock Market will be closed December 24, 1986.

Merry Christmas & Happy New Year

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.

FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

Public Auction Register

Closing Date Monday, 5 00 P M of each week's publication

PUBLIC SALE

of
Trucks, Heating & Cooling Systems, Parts & Access., Excess Inventory
EPHRATA
THURS., DECEMBER 11, 1986
At 9 A.M.

Located at 1162 Steinmetz Rd., Ephrata, Pa. (Just off Rt. 272 between Ephrata & Akron at "Goodwill").

Trucks

1973 TRACTOR DIAMOND "T" - 318 Detroit-Diesel- GVW 44000; 1969 WHITE - TILT/CABOVER - Cummins 250- 2400 Tank, Diesel GVW 33,000; 1970 WHITE TILT/CABOVER- Cummins 250- 2700 Tank- Diesel; 1965 White COMPACT TILT/CABOVER- Cummins 250- 3150 Tank- Diesel.

PANEL SERVICE TRUCK.

BURNERS & PARTS- Oil Burners; Warm Air Furnaces; Hot Water Boilers w/Burners; Circulators; 180 Tested Motors; Hi Boys; No Drip Pumps; Pipe Threader; Central Air Conditioners.

Hot Water Baseboard.

Heat-o-lators; Furnaces; Copper Tubing & Fittings; Alum. Tubes; Cast Iron Radiators; Gasoline Service Station Pumps; Skid Tanks; Pumps; Pump Meters; Chain Hoist.

Electro-Air Cleaners; Electric Fittings; Lawn Mowers.

Wheel Balancer; High Pressure Washer; Chains & Cables; Truck Tires; 1929 Model "A" Ford Car Parts.

Terms by:
BRUBAKER & RUPP, INC.
1-717-733-2196

T. Glenn Horst, Auct. AU000438L
717-859-1331 - 717-738-1245
Timothy G. Horst, Auct. AU001767L

MILLERDALE FARM
Complete Dispersal

LOCATION: At Ulysses, Pa., 18 miles North of Coudersport, Pa., 20 miles Southeast of Wellsville, N.Y., 8 miles South of Genesee, Pa., Potter Co.

WEDNESDAY, DECEMBER 10, 1986
AT 10:30 A.M.

177 Head Registered Holstein Dairy Cattle Sell 177

95 young milking age animals, consisting of many fresh cows and first calf heifers, balance various stages of lactation. 11 bred heifers due Dec. '86 to Mar. '87; 25 short bred heifers; 46 started heifer calves, 2 weeks to 14 months old.

DHIR RECORDS—RHA of 10/21/86
95.4 Cows 17,172 Milk 3.9 Test 662 Fat
(A FREE STALL AND TIE STALL HERD)
Classified 5/6/86 — 14 VG, 35 GP, 37 G
(RE-CLASSIFIED PRIOR TO SALE)

Millerdale Farm awarded First Premier Breeders Award — 1983-84-85-86 at Potter Co. Fair. A.I. proven sires used for 25 years. Millers have selected 62 A.I. proven sires to breed this choice herd of many 20,000 to 24,000 milk dams. Dollars were not thought of when they could get the best of sires (Example — Bell, Rotate, Very, Valiant, Spirit, Troy, Astronaut). Bred animals bred to Ned Boy, Odyssey, Valiant, Cavalier, Majesty, Steady, Bell. The Very Good udders and stature of these animals will amaze the most critical cow men and women. Cow families selling that are a Holstein breeder's dream.

Interstate Tested — Charts Sale Day — 100% Vaccinated
Pregnancy Checked — Inoculated For Colds — Catalogues

TERMS: Cash or good check with proper ID; full payment sale day! Out of state buyers, cash or guaranteed funds or bank letter of credit stating date and amount you can spend!

ALVIN B. and DONALD MILLER, Owners
ROCKWELL AUCTION INC., SALE MGRS.
Troy, Pa. Phones 717-297-3460 717-297-3172
Don Rockwell, Sales Agent
AU-002064L—AU-001273L

Lunch Available by Ladies Auxiliary of Penn York Camp and Myrtle Christian Academy

PRIVATE SALE OF FARM
(ONE OF POTTER CO.'S MOST PRODUCTIVE FARMS)

290 acres—200 tillable, 90 acres pasture and woodland. Soil Conservation approved. 2 family home with all modern conveniences; 98 free stall barn, 2 other barns for dry cows and heifers; 3 Harvestores, 2 wood patented silos; Double 5 milking parlor, 1250 gal. bulk tank, 8 month liquid storage with pump. Farm, Home and Dairy operation cannot be appreciated until seen. Mortgage available to responsible party.

Contact—ALVIN B. and DONALD MILLER—Phone 814-848-7478

MELVIN KOLB, INC.
CHRISTMAS SALE

200 - QUALITY HOLSTEINS - 200
DAY SALE STARTS 11:00 A.M.

FRIDAY, DECEMBER 12, 1986

LOCATION: West of Lancaster on Dairy Rd. Take Rt. 283 west of Lancaster to 741 East, turn left after exiting, go to old stone mill, then sharp right, proceed under railroad overpass, then turn right onto Dairy Rd. Barn is within sight of 283 west.

200 Head of Fancy Holsteins

Especially Selected For This Sale

1 trailer load from Maine; 2 trailer loads from New York, 1 trailer load from Western & Upstate PA; 1 trailer load from Vermont & CT.

There will be 75 PUREBREDS of the finest quality, some classified with records, and selected from the most outstanding herds we could find. Some of these cows are milking up to 100 lbs. per day. There will be 100 head of Big Fancy GRADE Cows, just fresh, milking 80 to 100 lbs. Also 25 fancy grade springers and 25 big fresh Purebred first calf heifers.

SPECIAL MENTION

★ Male a LeDel SUPERSTAR son born 1/9/85, Dam Ex. 94 points 9-11 2X 365d 28,710 5.0 1439F 11-03 2X 365d 33660m 5.0 1676F 1st Mass Leader Fat. next Dam EX 361d 29030 3.7 1077.

★ A S-W-D VALIANT son born 8/8/85, a WILLOW V.G. 86-3X 2-07 2X 294d 15420 4.3 631f dam, 1st dry 3&4 yr. Conn '86, 1st 3 yr. Spring Show '86, placed in top 5 in National Show for 4 consec. yrs., next dam 93 pts. T THREAT 354d 21900 4.0 866f.

★ A S-W-D Valiant son born 5/30/85 dtr. Ex. 90 365d 30900m 3.8 1168f. next dam VG 88 3050 23620m 4.0 936f.

★ A ROUND OAK RAG APPLE ELEVATION dtr. Good Plus 365d 24650m 4.1 1010f. next dam E. 91 365d 30040m 4.2 1255F. 2nd dam VG 86 365 33530m 3.9 1315f.

★ A 2 yr. PACLAMAR ASTRONAUT dtr. Dam VG 86 289d 18100m 600f next dam VG 85 16310m.

★ A 4 yr. CREEK BLUFF ELEVATION LESTER dtr. 305d 19560m 3.7 722f, next dam VG 86, 302d 18310m 4.1 749f, 2nd dam Ex. 91 365d 20239m 3.8 766f.

★ A 4 yr. PLUSHANSKI PERSUADER dtr. 2-10 365d 17,080m 4.2 722f. next dam VG 86 20750m 707f. next dam 20170m 783f.

★ A 4 yr. CAL-CLARK BOARD CHAIRMAN dtr. VG 85 328d 24630m 791f, Dam Ex. 90 305d 22390m 773f.

★ A FRAN-LOU THORO dtr. 296d 20900m 684f inc. due to Whittier Farms Ned Boy.

★ A GLEN VALLEY STAR dtr. Good Plus 3-10 358d 18720 3.8 704f dam VG 88 23630 780f, next dam VG 86 365d 24890m 921f, 2nd dam Ex. 305d 20070m 3.9 785f.

★ A STARLIGHT PINE ELEVATION PETE dtr. VG 85 365d 21963m 784f.

★ A LIME-HOLLOW ELEVATION MARS dtr 19558m 561f

★ A 2 yr. MARSHFIELD ELEVATION TONY dtr. Bred 4/25/86 to MEL EST VALLIANT IROSE MELVIN, Dam 86 VG 2-2 yrs. 305d 17900m 644f. next dam 338d 22372m 879f 2nd dam EX 364d 26630m 905f.

★ A 3 yr. FRAN-LOU MARQ GWEN dtr. Good Plus 305d 22440 4.0 892f bred 3/5/86 to A-linda Rotate. Dam VG 86 25090m 4.1 4024f. next dam 311d 25090m 4.1 1024f., 3rd Dam VG 337d 26570m 928f.

★ A CA-LILL STANDOUT CAVALIER dtr. 2-5 305d 14610m 507f dam 303d 19970m 673f.

★ A 2 yr. KEYSTONE ELEVATION CAMARO dtr. dam 363d 21753m 3.7 813f, next dam 345d 25542m 851f.

★ A Good Plus ROUND OAK RAG APPLE ELEVATION dtr. 2-2 293d 14320m 4.1 586f Dam 269d 19390m 4.5 868f.

★ A KILLDEE ASTRO CHIEF WISEMAN dtr. dam 324d 19240m 3.8 738f.

★ A CAVALIER-M IVANHOE BELL dtr. dam 305d 19,270m 701f.

★ A LOCLIN MA ELEVATION MARLIN dtr. just fresh.

★ A 2 yr. BELLEVEMAN STARGAZER dtr. dam 305d 18560m 4.1 756f.

★ A CLINTON COMP ELEVATION MAJESTY dtr.

★ A SKYHURST ADVATAGE dtr. 3-3 16105m 676f

★ A 88 point 3 yr. old ASTRONAUT dtr. has 2 yrs. over 19000 lbs. 4.0 test Dam Ex. with high records.

Many more good ones not in this ad.

35 grade fresh New York State Cows milking from 80 to 100 lbs. per day. (Really fancy top cows.)

FARMERS... Please do not miss this Special Christmas Sale on Friday, December 12th at 11:00 a.m. Set aside this date to see our fine selection of cattle. We also wish to thank all of you for your patronage and friendship during this past year! Enjoy our delicious Christmas Turkey Dinner.

Come Early!
Enjoy a Delicious Christmas Turkey Dinner!
Buy a Cow
Receive a Free Turkey!
Win a PB Heifer Calf!
Free Transportation for Lanc. Co. Amish- Call: 717 569-2106 or 6800 before Thurs. 12/11 5:00 p.m.

For Everyone That Buys a Cow!!

DOOR PRIZE:
Purebred Heifer Calf
Must be a buyer to be eligible & present to win.

SALE MANAGERS:
Dennis & Mel Kolb

AUCTIONEER:
Robert C. Mullendore

PEDIGREES:
Henry Kettering

PA Farm: 2220 Dairy Rd.
Lancaster, PA 17601
717-569-2106 or 717-569-6800

Merry Christmas

Dairy Products of the Month

"PRIME TIME" DRY COW PROGRAMS.

"Prime Time".... the 60 most important days of a cow's life that determine how your cow performs for the next 305 days. Your local Purina Mills Dealer has 3 different types of "Prime Time" programs to fit your different dry cow feeding needs!

1. Freshstart D&H Completes and Concentrates

Our premium products for dry cows that supplement forages and grains to meet the critical nutritional requirements of the dry cow.

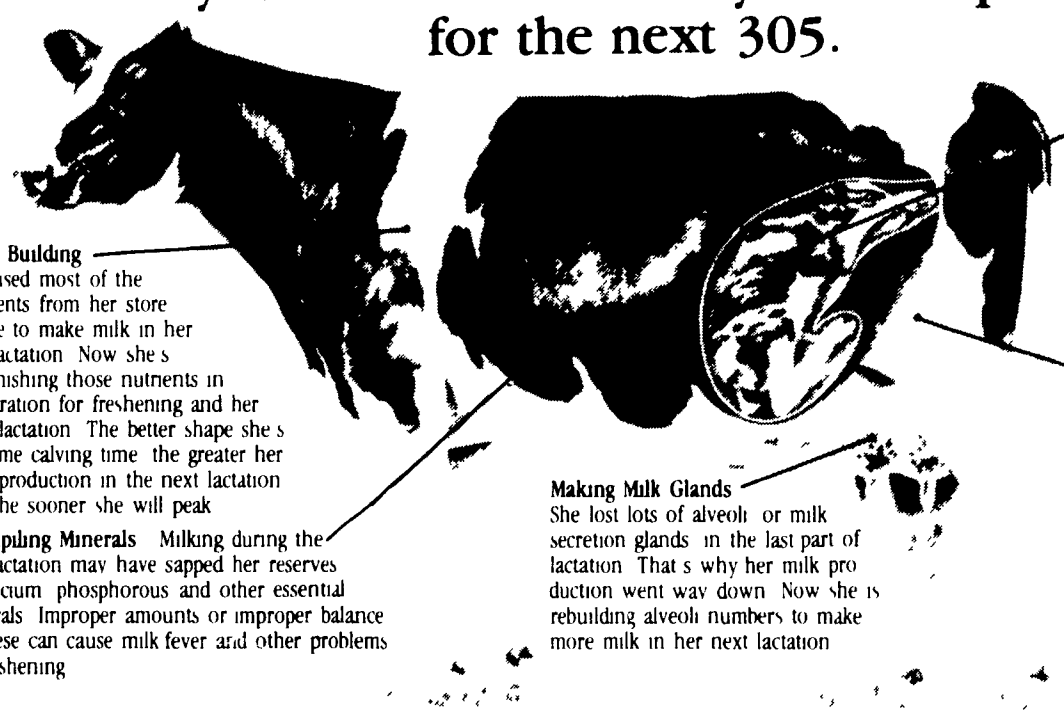
2. Easy Care Block

Vitamin-mineral fortified, 22% protein, molasses-based block for free-choice feeding to dry cows; weatherproof; convenient; replaces grain-portion of ration--must full feed forages.

3. Purina Dairy Plus and Purina Dairy Minerals

Low-cost, vitamin-mineral supplementation for high quality forages and well-conditioned cows.

60 days that determine how your cow performs for the next 305.



Body Building She used most of the nutrients from her store house to make milk in her last lactation Now she s replenishing those nutrients in preparation for freshening and her next lactation The better shape she s in come calving time the greater her milk production in the next lactation and the sooner she will peak

Stockpiling Minerals Milking during the last lactation may have sapped her reserves of calcium phosphorous and other essential minerals Improper amounts or improper balance of these can cause milk fever and other problems at freshening

Making Milk Glands She lost lots of alveoli or milk secretion glands in the last part of lactation That s why her milk pro duction went way down Now she is rebuilding alveoli numbers to make more milk in her next lactation

Making a Baby The calf triples in size these 60 days She'll be born small and weak if Mom's in poor shape at calving time That's hard on everybody

Getting in Shape (without getting fat) She lost up to 350 pounds in the first four months of lacta tion She's put some of it back on already To keep milk production up in the next lacta tion she must restore her body condition without getting too fat

(To improve the graphic layout the fetus is shown on the cow's left instead of right side.)

These "Prime Time" Programs, when nutritionally-balanced by your Purina Farm Consultant, can prevent calving problems such as milk fever, retained placentas, and ketosis as well as increase that cow's performance this lactation.

If you don't have a dry cow program or if your present one is not performing, contact your local Purina Mills Dealer for a "Prime Time" dry cow program that fits your needs.

See Your Purina Dealer Today!

BERRYMAN'S MILLS, INC.
Box #181, Rte 75 Old Port
Port Royal, PA 17082
717/527-2274

K & K FEED, INC.
R D #4 - 23 N Park Street
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Richland PA 17087

HIGH BROTHERS
441 Centerville Road
Gordonville, PA 17529
717/354-0301

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717/264-6148
Altenwald Div
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717 762 2390

WARRIOR'S MARK FEED CENTER
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Warriors Mark PA 16877
814/632-8623

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717-768-3301
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215/347:2377

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Feeds designed with you in mind.

★ Trademark Ralston Purina Company